

# Synsets

## Leaf: Functional Concept

Definition: A concept which is of interest because it pertains to the carrying out of a process or activity.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 18

Words:

obtained(1), result(1), including(1), not(6), identified(1), place(1), cause(1), left(1), add(1), using(2), more(1), distributed(1),

## Hypernyms:

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), term(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Qualitative Concept

Definition: A concept which is an assessment of some quality, rather than a direct measurement.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 21

Words:

received(1), normal(2), values(1), identified(1), to(6), very(1), difficult(1), informed(1), abandon(1), same(1), have(1), best(1), well(1), long(2),

## Hypernyms:

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), term(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Finding

Definition: That which is discovered by direct observation or measurement of an organism attribute or condition, including the clinical history of the patient. The history of the presence of a disease is a 'Finding' and is distinguished from the disease itself.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 11

Words:

result(1), identified(1), catch(1), alone(1), find(1), psychological(1), well(1), being(1), plays(1), urea(1), clearance(1),

## Hypernyms:

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Temporal Concept

Definition: A concept which pertains to time or duration.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 7

Words:

follow(1), long(1), term(1), often(2), occur(1), frequent(1),

## Hypernyms:

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1),

frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Intellectual Product

Definition: A conceptual entity resulting from human endeavor. Concepts assigned to this type generally refer to information created by humans for some purpose.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 17

Words:

1(1), 2(1), 3(1), follow(1), less(1), than(1), show(1), given(1), serious(1), health(1), problems(1), answer(1), hospitals(1), prescription(1), question(2), only(1),

## Hypernyms:

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Quantitative Concept

Definition: A concept which involves the dimensions, quantity or capacity of something using some unit of measure, or which involves the quantitative comparison of entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 22

Words:

1(1), 2(2), 3(2), 5(2), normal(4), pmol(1), l(1), number(2), alone(1), are(1), one(2), small(2), only(1),

## Hypernyms:

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), term(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

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Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

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Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Gene or Genome

**Definition:** A specific sequence, or in the case of the genome the complete sequence, of nucleotides along a molecule of DNA or RNA (in the case of some viruses) which represent the functional units of heredity.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 5

**Words:**

1(1), ref(1), uti(1), hang(1), asm(1),

## Hypernyms:

### Fully Formed Anatomical Structure

**Definition:** An anatomical structure in a fully formed organism; in mammals, for example, a structure in the body after the birth of the organism.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 6

**Words:**

1(1), ref(1), uti(1), hang(1), membranes(1), asm(1),

### Anatomical Structure

**Definition:** A normal or pathological part of the anatomy or structural organization of an organism.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 8

**Words:**

1(1), ref(1), uti(1), body(2), hang(1), membranes(1), asm(1),

### Physical Object

**Definition:** An object perceptible to the sense of vision or touch.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 29

**Words:**

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

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**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 149

**Words:**

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Laboratory Procedure

**Definition:** A procedure, method, or technique used to determine the composition, quantity, or concentration of a specimen, and which is carried out in a clinical laboratory. Included here are procedures which measure the times and rates of reactions.

**Number of Documents:** 2 [appears in document: 0, 2]

**Number of Words:** 5

**Words:**

vitd(1), urine(1), culture(1), urea(1), clearance(1),

## Hypernyms:

### Health Care Activity

**Definition:** An activity of or relating to the practice of medicine or involving the care of patients.

**Number of Documents:** 2 [appears in document: 0, 2]

**Number of Words:** 11

**Words:**

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(2), dialysis(2), urea(1), clearance(1),

### Occupational Activity

**Definition:** An activity carried out as part of an occupation or job.

**Number of Documents:** 2 [appears in document: 0, 2]

**Number of Words:** 12

**Words:**

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(3), dialysis(2), urea(1), clearance(1),

### Activity

**Definition:** An operation or series of operations that an organism or machine carries out or participates in.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 17

**Words:**

vitd(1), urine(1), culture(1), excluded(1), place(1), take(1), occur(1), prescription(1), observation(3), dialysis(2), enhance(1), play(1), urea(1), clearance(1),

## Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Pharmacologic Substance

Definition: A substance used in the treatment or prevention of pathologic disorders. This includes substances that occur naturally in the body and are administered therapeutically.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 4

Words:

vit(1), d(1), calcium(1), survive(1),

## Hypernyms:

### Chemical Viewed Functionally

Definition: A chemical viewed from the perspective of its functional characteristics or pharmacological activities.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 4

Words:

vit(1), d(1), calcium(1), survive(1),

### Chemical

Definition: Compounds or substances of definite molecular composition. Chemicals are viewed from two distinct perspectives in the network, functionally and structurally. Almost every chemical concept is assigned at least two types, generally one from the structure hierarchy and at least one from the function hierarchy.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 11

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), survive(1),

### Substance

Definition: A material with definite or fairly definite chemical composition.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), chips(2), survive(1), molecules(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Element, Ion, or Isotope

Definition: One of the 109 presently known fundamental substances that comprise all matter at and above the atomic level. This includes elemental metals, rare gases, and most abundant naturally occurring radioactive elements, as well as the ionic counterparts of elements (NA+, Cl-), and the less abundant isotopic forms. This does not include organic ions such as iodoacetate to which the type 'Organic Chemical' is assigned.

Number of Documents: 1 [appears in document: 0]

Number of Words: 1

Words:

potassium(1),

## Hypernyms:

### Chemical Viewed Structurally

Definition: A chemical or chemicals viewed from the perspective of their structural characteristics. Included here are concepts which

can mean either a salt, an ion, or a compound (e.g., "Bromates" and "Bromides").

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 7

Words:

potassium(1), calcium(1), phosphate(1), i(4),

### Chemical

Definition: Compounds or substances of definite molecular composition. Chemicals are viewed from two distinct perspectives in the network, functionally and structurally. Almost every chemical concept is assigned at least two types, generally one from the structure hierarchy and at least one from the function hierarchy.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 11

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), survive(1),

### Substance

Definition: A material with definite or fairly definite chemical composition.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), chips(2), survive(1), molecules(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Inorganic Chemical

Definition: Chemical elements and their compounds, excluding the hydrocarbons and their derivatives (except carbides, carbonates, cyanides, cyanates and carbon disulfide). Generally inorganic compounds contain ionic bonds. Included here are inorganic acids and salts, alloys, alkalies, and minerals.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 5

Words:

calcium(1), i(4),

## Hypernyms:

### Chemical Viewed Structurally

Definition: A chemical or chemicals viewed from the perspective of their structural characteristics. Included here are concepts which can mean either a salt, an ion, or a compound (e.g., "Bromates" and "Bromides").

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 7

Words:

potassium(1), calcium(1), phosphate(1), i(4),

### Chemical

Definition: Compounds or substances of definite molecular composition. Chemicals are viewed from two distinct perspectives in the network, functionally and structurally. Almost every chemical concept is assigned at least two types, generally one from the structure hierarchy and at least one from the function hierarchy.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 11

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), survive(1),

### Substance

Definition: A material with definite or fairly definite chemical composition.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), chips(2), survive(1), molecules(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Organophosphorus Compound

Definition: An organic compound containing phosphorus as a constituent. Included here are organic phosphinic, phosphonic and phosphoric acid derivatives and their thiophosphorus counterparts. Excluded are phospholipids, sugar phosphates, phosphoproteins, nucleotides, and nucleic acids.

Number of Documents: 1 [appears in document: 0]

Number of Words: 1

Words:

phosphate(1),

### Hypernyms:

#### Organic Chemical

Definition: The general class of carbon-containing compounds, usually based on carbon chains or rings, and also containing hydrogen (hydrocarbons), with or without nitrogen, oxygen, or other elements in which the bonding between elements is generally covalent.

Number of Documents: 1 [appears in document: 0]

Number of Words: 1

Words:

phosphate(1),

#### Chemical Viewed Structurally

Definition: A chemical or chemicals viewed from the perspective of their structural characteristics. Included here are concepts which can mean either a salt, an ion, or a compound (e.g., "Bromates" and "Bromides").

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 7

Words:

potassium(1), calcium(1), phosphate(1), i(4),

#### Chemical

Definition: Compounds or substances of definite molecular composition. Chemicals are viewed from two distinct perspectives in the network, functionally and structurally. Almost every chemical concept is assigned at least two types, generally one from the structure hierarchy and at least one from the function hierarchy.

Number of Documents: 2 [appears in document: 0, 1]

Number of Words: 11

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), survive(1),

#### Substance

Definition: A material with definite or fairly definite chemical composition.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), chips(2), survive(1), molecules(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Body Location or Region

Definition: An area, subdivision, or region of the body demarcated for the purpose of topographical description.

Number of Documents: 1 [appears in document: 0]

Number of Words: 1

Words:

perineal(1),

## Hypernyms:

### Spatial Concept

Definition: A location, region, or space, generally having definite boundaries.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

perineal(1), place(1), left(1), so(1), r(1), open(2), compartments(1),

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), term(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Fungus

Definition: A eukaryotic organism characterized by the absence of chlorophyll and the presence of a rigid cell wall. Included here are both slime molds and true fungi such as yeasts, molds, mildews, and mushrooms.

Number of Documents: 1 [appears in document: 0]

Number of Words: 1

Words:

yeasts(1),

## Hypernyms:

### Eukaryote

Definition: One of the three domains of life (the others being Bacteria and Archaea), also called Eukarya. These are organisms whose cells are enclosed in membranes and possess a nucleus. They comprise almost all multicellular and many unicellular organisms, and are traditionally divided into groups (sometimes called kingdoms) including Animals, Plants, Fungi, various Algae, and other taxa that were previously part of the old kingdom Protista.

Number of Documents: 3 [appears in document: 0, 1, 2]



Number of Words: 4

Words:

yeasts(1), anemia(1), body(1), dialysis(1),

### Organism

Definition: Generally, a living individual, including all plants and animals.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 5

Words:

yeasts(1), pathogen(1), anemia(1), body(1), dialysis(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Disease or Syndrome

Definition: A condition which alters or interferes with a normal process, state, or activity of an organism. It is usually characterized by the abnormal functioning of one or more of the host's systems, parts, or organs. Included here is a complex of symptoms descriptive of a disorder.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

uti(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), forget(1),

## Hypernyms:

### Pathologic Function

Definition: A disordered process, activity, or state of the organism as a whole, of a body system or systems, or of multiple organs or tissues. Included here are normal responses to a negative stimulus as well as pathologic conditions or states that are less specific than a disease. Pathologic functions frequently have systemic effects.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

uti(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), forget(1),

### Biologic Function

Definition: A state, activity or process of the body or one of its systems or parts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 12

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1),

### Natural Phenomenon or Process

Definition: A phenomenon or process that occurs irrespective of the activities of human beings.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1), compartments(1), dialysis(1),

### Phenomenon or Process

Definition: A process or state which occurs naturally or as a result of an activity.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 15

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), sad(1), forget(1), compartments(1), dialysis(1),

### Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Mental Process

Definition: A physiologic function involving the mind or cognitive processing.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 4

Words:

feel(1), joy(1), optimism(1), sad(1),

## Hypernyms:

### Organism Function

Definition: A physiologic function of the organism as a whole, of multiple organ systems, or of multiple organs or tissues.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 4

Words:

feel(1), joy(1), optimism(1), sad(1),

### Physiologic Function

Definition: A normal process, activity, or state of the body.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 4

Words:

feel(1), joy(1), optimism(1), sad(1),

### Biologic Function

Definition: A state, activity or process of the body or one of its systems or parts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 12

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1),

### Natural Phenomenon or Process

Definition: A phenomenon or process that occurs irrespective of the activities of human beings.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1), compartments(1), dialysis(1),

### Phenomenon or Process

Definition: A process or state which occurs naturally or as a result of an activity.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 15

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), sad(1), forget(1), compartments(1), dialysis(1),

### Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Classification

Definition: A term or system of terms denoting an arrangement by class or category.

Number of Documents: 1 [appears in document: 1]

Number of Words: 3

Words:

1(1), 2(1), 3(1),

## Hypernyms:

### Intellectual Product

Definition: A conceptual entity resulting from human endeavor. Concepts assigned to this type generally refer to information created by humans for some purpose.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 17

Words:

1(1), 2(1), 3(1), follow(1), less(1), than(1), show(1), given(1), serious(1), health(1), problems(1), answer(1), hospitals(1), prescription(1), question(2), only(1),

## Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Plant

Definition: An organism having cellulose cell walls, growing by synthesis of inorganic substances, generally distinguished by the presence of chlorophyll, and lacking the power of locomotion. Plant parts are included here as well.

Number of Documents: 1 [appears in document: 1]

Number of Words: 1

Words:

anemia(1),

## Hypernyms:

### Eukaryote

Definition: One of the three domains of life (the others being Bacteria and Archaea), also called Eukarya. These are organisms whose cells are enclosed in membranes and possess a nucleus. They comprise almost all multicellular and many unicellular organisms, and are traditionally divided into groups (sometimes called kingdoms) including Animals, Plants, Fungi, various Algae, and other taxa that were previously part of the old kingdom Protista.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 4

Words:

yeasts(1), anemia(1), body(1), dialysis(1),

### Organism

Definition: Generally, a living individual, including all plants and animals.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 5

Words:

yeasts(1), pathogen(1), anemia(1), body(1), dialysis(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Human

Definition: Modern man, the only remaining species of the Homo genus.

Number of Documents: 1 [appears in document: 1]

Number of Words: 1

Words:

body(1),

## Hypernyms:

### Mammal

Definition: A vertebrate having a constant body temperature and characterized by the presence of hair, mammary glands and sweat glands.

Number of Documents: 1 [appears in document: 1]  
Number of Words: 1  
Words:  
body(1),

### Vertebrate

Definition: An animal which has a spinal column.

Number of Documents: 1 [appears in document: 1]  
Number of Words: 1  
Words:  
body(1),

### Animal

Definition: An organism with eukaryotic cells, and lacking stiff cell walls, plastids and photosynthetic pigments.

Number of Documents: 1 [appears in document: 1]  
Number of Words: 1  
Words:  
body(1),

### Eukaryote

Definition: One of the three domains of life (the others being Bacteria and Archaea), also called Eukarya. These are organisms whose cells are enclosed in membranes and possess a nucleus. They comprise almost all multicellular and many unicellular organisms, and are traditionally divided into groups (sometimes called kingdoms) including Animals, Plants, Fungi, various Algae, and other taxa that were previously part of the old kingdom Protista.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 4  
Words:  
yeasts(1), anemia(1), body(1), dialysis(1),

### Organism

Definition: Generally, a living individual, including all plants and animals.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 5  
Words:  
yeasts(1), pathogen(1), anemia(1), body(1), dialysis(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 29  
Words:  
1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 149  
Words:  
1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Professional or Occupational Group

Definition: An individual or individuals classified according to their vocation.

Number of Documents: 2 [appears in document: 1, 2]

Number of Words: 4

Words:  
nephrologists(2), undertaker(1), r(1),

## Hypernyms:

### Group

Definition: A conceptual entity referring to the classification of individuals according to certain shared characteristics.

Number of Documents: 2 [appears in document: 1, 2]  
Number of Words: 7

Words:  
nephrologists(2), witnessed(1), undertaker(1), witness(1), r(1), patient(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 120

Words:  
1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 149

Words:  
1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Population Group

Definition: An individual or individuals classified according to their sex, racial origin, religion, common place of living, financial or social status, or some other cultural or behavioral attribute.

Number of Documents: 1 [appears in document: 1]

Number of Words: 2

Words:  
witnessed(1), witness(1),

## Hypernyms:

### Group

Definition: A conceptual entity referring to the classification of individuals according to certain shared characteristics.

Number of Documents: 2 [appears in document: 1, 2]  
Number of Words: 7

Words:  
nephrologists(2), witnessed(1), undertaker(1), witness(1), r(1), patient(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 120

Words:  
1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]  
Number of Words: 149

Words:  
1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Sign or Symptom

Definition: An observable manifestation of a disease or condition based on clinical judgment, or a manifestation of a disease or condition which is experienced by the patient and reported as a subjective observation.

Number of Documents: 1 [appears in document: 1]

Number of Words: 1

Words:  
catch(1),

## Hypernyms:

### Finding

Definition: That which is discovered by direct observation or measurement of an organism attribute or condition, including the

clinical history of the patient. The history of the presence of a disease is a 'Finding' and is distinguished from the disease itself.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 11

Words:

result(1), identified(1), catch(1), alone(1), find(1), psychological(1), well(1), being(1), plays(1), urea(1), clearance(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Group Attribute

Definition: A conceptual entity which refers to the frequency or distribution of certain characteristics or phenomena in certain groups.

Number of Documents: 1 [appears in document: 1]

Number of Words: 1

Words:

alone(1),

## Hypernyms:

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Injury or Poisoning

Definition: A traumatic wound, injury, or poisoning caused by an external agent or force.

Number of Documents: 1 [appears in document: 1]

Number of Words: 1

Words:

hang(1),

## Hypernyms:

### Phenomenon or Process

Definition: A process or state which occurs naturally or as a result of an activity.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 15

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), sad(1), forget(1), compartments(1), dialysis(1),

## Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Food

Definition: Any substance generally containing nutrients, such as carbohydrates, proteins, and fats, that can be ingested by a living organism and metabolized into energy and body tissue. Some foods are naturally occurring, others are either partially or entirely made by humans.

Number of Documents: 1 [appears in document: 1]

Number of Words: 2

Words:

chips(2),

## Hypernyms:

### Substance

Definition: A material with definite or fairly definite chemical composition.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

vit(1), d(1), potassium(1), calcium(2), phosphate(1), i(4), chips(2), survive(1), molecules(1),

### Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Geographic Area

Definition: A geographic location, generally having definite boundaries.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

so(1),

## Hypernyms:

### Spatial Concept

Definition: A location, region, or space, generally having definite boundaries.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

perineal(1), place(1), left(1), so(1), r(1), open(2), compartments(1),

### Idea or Concept

Definition: An abstract concept, such as a social, religious or philosophical concept.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 81

Words:

1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), place(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), r(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Mental or Behavioral Dysfunction

Definition: A clinically significant dysfunction whose major manifestation is behavioral or psychological. These dysfunctions may have identified or presumed biological etiologies or manifestations.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

forget(1),

## Hypernyms:

### Disease or Syndrome

Definition: A condition which alters or interferes with a normal process, state, or activity of an organism. It is usually characterized by the abnormal functioning of one or more of the host's systems, parts, or organs. Included here is a complex of symptoms descriptive of a disorder.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

uti(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), forget(1),

### Pathologic Function

Definition: A disordered process, activity, or state of the organism as a whole, of a body system or systems, or of multiple organs or tissues. Included here are normal responses to a negative stimulus as well as pathologic conditions or states that are less specific than a disease. Pathologic functions frequently have systemic effects.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

uti(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), forget(1),

### Biologic Function

Definition: A state, activity or process of the body or one of its systems or parts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 12

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1),

### Natural Phenomenon or Process

Definition: A phenomenon or process that occurs irrespective of the activities of human beings.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 14

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), sad(1), forget(1), compartments(1), dialysis(1),

### Phenomenon or Process

Definition: A process or state which occurs naturally or as a result of an activity.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 15

Words:

uti(1), feel(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), sad(1), forget(1), compartments(1), dialysis(1),

### Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),



## Leaf: Manufactured Object

Definition: A physical object made by human beings.

Number of Documents: 1 [appears in document: 2]

Number of Words: 2

Words:

van(1), well(1),

### Hypernyms:

[Physical Object](#)

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Clinical Attribute

Definition: An observable or measurable property or state of an organism of clinical interest.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

r(1),

### Hypernyms:

[Organism Attribute](#)

Definition: A property of the organism or its major parts.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

r(1),

### Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Patient or Disabled Group

Definition: An individual or individuals classified according to a disability, disease, condition or treatment.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

patient(1),

### Hypernyms:

## Group

Definition: A conceptual entity referring to the classification of individuals according to certain shared characteristics.

Number of Documents: 2 [appears in document: 1, 2]

Number of Words: 7

Words:

nephrologists(2), witnessed(1), undertaker(1), witness(1), r(1), patient(1),

## Conceptual Entity

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Tissue

Definition: An aggregation of similarly specialized cells and the associated intercellular substance. Tissues are relatively non-localized in comparison to body parts, organs or organ components.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

membranes(1),

## Hypernyms:

### Fully Formed Anatomical Structure

Definition: An anatomical structure in a fully formed organism; in mammals, for example, a structure in the body after the birth of the organism.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 6

Words:

1(1), ref(1), uti(1), hang(1), membranes(1), asm(1),

## Anatomical Structure

Definition: A normal or pathological part of the anatomy or structural organization of an organism.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 8

Words:

1(1), ref(1), uti(1), body(2), hang(1), membranes(1), asm(1),

## Physical Object

Definition: An object perceptible to the sense of vision or touch.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 29

Words:

1(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), yeasts(1), pathogen(1), uti(1), i(4), anemia(1), body(3), hang(1), chips(2), survive(1), van(1), membranes(1), well(1), molecules(1), asm(1), dialysis(1),

## Entity

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Body Space or Junction

**Definition:** An area enclosed or surrounded by body parts or organs or the place where two anatomical structures meet or connect.

**Number of Documents:** 1 [appears in document: 2]

**Number of Words:** 1

**Words:**  
compartments(1),

## Hypernyms:

### Spatial Concept

**Definition:** A location, region, or space, generally having definite boundaries.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 8

**Words:**  
perineal(1), place(1), left(1), so(1), r(1), open(2), compartments(1),

### Idea or Concept

**Definition:** An abstract concept, such as a social, religious or philosophical concept.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 81

**Words:**  
1(1), 2(2), 3(2), 5(2), obtained(1), received(1), result(2), follow(1), normal(6), pmol(1), l(1), values(1), perineal(1), including(1), not(6), identified(2), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(1), cause(1), long(3), term(1), abandon(1), often(2), same(1), alone(1), witness(1), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), small(2), add(1), using(2), more(1), open(2), well(1), compartments(1), distributed(1), frequent(1), only(1),

### Conceptual Entity

**Definition:** A broad type for grouping abstract entities or concepts.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 120

**Words:**  
1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

### Entity

**Definition:** A broad type for grouping physical and conceptual entities.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 149

**Words:**  
1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

## Leaf: Research Activity

**Definition:** An activity carried out as part of research or experimentation.

**Number of Documents:** 1 [appears in document: 2]

**Number of Words:** 1

**Words:**  
observation(1),

## Hypernyms:

### Occupational Activity

**Definition:** An activity carried out as part of an occupation or job.

**Number of Documents:** 2 [appears in document: 0, 2]

**Number of Words:** 12

**Words:**  
vitd(1), urine(1), culture(1), take(1), prescription(1), observation(3), dialysis(2), urea(1), clearance(1),

### Activity

**Definition:** An operation or series of operations that an organism or machine carries out or participates in.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 17

**Words:**  
vitd(1), urine(1), culture(1), excluded(1), place(1), take(1), occur(1), prescription(1), observation(3), dialysis(2), enhance(1), play(1), urea(1), clearance(1),

### Event

**Definition:** A broad type for grouping activities, processes and states.

**Number of Documents:** 3 [appears in document: 0, 1, 2]

**Number of Words:** 32

**Words:**  
vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Diagnostic Procedure

Definition: A procedure, method, or technique used to determine the nature or identity of a disease or disorder. This excludes procedures which are primarily carried out on specimens in a laboratory.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

observation(1),

### Hypernyms:

#### Health Care Activity

Definition: An activity of or relating to the practice of medicine or involving the care of patients.

Number of Documents: 2 [appears in document: 0, 2]

Number of Words: 11

Words:

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(2), dialysis(2), urea(1), clearance(1),

#### Occupational Activity

Definition: An activity carried out as part of an occupation or job.

Number of Documents: 2 [appears in document: 0, 2]

Number of Words: 12

Words:

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(3), dialysis(2), urea(1), clearance(1),

#### Activity

Definition: An operation or series of operations that an organism or machine carries out or participates in.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 17

Words:

vitd(1), urine(1), culture(1), excluded(1), place(1), take(1), occur(1), prescription(1), observation(3), dialysis(2), enhance(1), play(1), urea(1), clearance(1),

#### Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Therapeutic or Preventive Procedure

Definition: A procedure, method, or technique designed to prevent a disease or a disorder, or to improve physical function, or used in the process of treating a disease or injury.

Number of Documents: 1 [appears in document: 2]

Number of Words: 2

Words:

dialysis(2),

### Hypernyms:

#### Health Care Activity

Definition: An activity of or relating to the practice of medicine or involving the care of patients.

Number of Documents: 2 [appears in document: 0, 2]

Number of Words: 11

Words:

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(2), dialysis(2), urea(1), clearance(1),

#### Occupational Activity

Definition: An activity carried out as part of an occupation or job.

Number of Documents: 2 [appears in document: 0, 2]

Number of Words: 12

Words:

vitd(1), urine(1), culture(1), take(1), prescription(1), observation(3), dialysis(2), urea(1), clearance(1),

#### Activity

Definition: An operation or series of operations that an organism or machine carries out or participates in.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 17

Words:

vitd(1), urine(1), culture(1), excluded(1), place(1), take(1), occur(1), prescription(1), observation(3), dialysis(2), enhance(1), play(1), urea(1), clearance(1),

#### Event

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Daily or Recreational Activity

Definition: An activity carried out for recreation or exercise, or as part of daily life.

Number of Documents: 1 [appears in document: 2]

Number of Words: 1

Words:

play(1),

## Hypernyms:

[Activity](#)

Definition: An operation or series of operations that an organism or machine carries out or participates in.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 17

Words:

vitd(1), urine(1), culture(1), excluded(1), place(1), take(1), occur(1), prescription(1), observation(3), dialysis(2), enhance(1), play(1), urea(1), clearance(1),

[Event](#)

Definition: A broad type for grouping activities, processes and states.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 32

Words:

vitd(1), urine(1), culture(1), uti(1), excluded(1), place(1), feel(1), take(1), ckd(2), anaemia(1), kidney(1), disease(1), leprosy(1), joy(1), optimism(1), hang(1), occur(1), prescription(1), sad(1), forget(1), compartments(1), observation(3), dialysis(3), enhance(1), play(1), urea(1), clearance(1),

## Leaf: Laboratory or Test Result

Definition: The outcome of a specific test to measure an attribute or to determine the presence, absence, or degree of a condition.

Number of Documents: 1 [appears in document: 2]

Number of Words: 2

Words:

urea(1), clearance(1),

## Hypernyms:

[Finding](#)

Definition: That which is discovered by direct observation or measurement of an organism attribute or condition, including the clinical history of the patient. The history of the presence of a disease is a 'Finding' and is distinguished from the disease itself.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 11

Words:

result(1), identified(1), catch(1), alone(1), find(1), psychological(1), well(1), being(1), plays(1), urea(1), clearance(1),

[Conceptual Entity](#)

Definition: A broad type for grouping abstract entities or concepts.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 120

Words:

1(2), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), values(1), show(1), perineal(1), including(1), not(6), identified(3), excluded(1), to(6), number(2), place(2), very(1), difficult(1), informed(1), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(2), being(1), witness(2), are(1), occur(1), one(2), left(2), have(2), best(1), so(1), prescription(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), compartments(1), distributed(1), frequent(1), only(2), plays(1), urea(1), clearance(1),

[Entity](#)

Definition: A broad type for grouping physical and conceptual entities.

Number of Documents: 3 [appears in document: 0, 1, 2]

Number of Words: 149

Words:

1(3), 2(3), 3(3), 5(2), obtained(1), received(1), result(3), follow(2), normal(6), less(1), than(1), pmol(1), l(1), ref(1), vit(1), d(1), potassium(1), calcium(2), phosphate(1), values(1), show(1), perineal(1), including(1), yeasts(1), pathogen(1), not(6), identified(3), uti(1), excluded(1), to(6), i(4), number(2), place(2), very(1), difficult(1), informed(1), anemia(1), body(3), given(3), cause(2), serious(1), health(1), problems(1), long(3), term(1), nephrologists(2), abandon(1), often(2), witnessed(1), answer(1), undertaker(1), hospitals(1), catch(1), same(1), alone(3), find(1), psychological(1), well(3), being(1), hang(1), witness(2), chips(2), are(1), occur(1), one(2), left(2), survive(1), have(2), best(1), so(1), prescription(1), van(1), r(3), question(2), patient(1), small(2), add(1), using(2), more(1), open(2), membranes(1), compartments(1), molecules(1), distributed(1), asm(1), frequent(1), dialysis(1), only(2), plays(1), urea(1), clearance(1),

# Corpus Documents

## Document 0:

Just obtained my latest kidney results and received another big blow. The results are as follows:

eGFR 35

Serum creatinine - 150 umol/L  
Urea - 13.9 mmol  
Hg - 9.4 (severely anemic!)  
HbA1c - 9.0  
Protein/Creatinine Ratio - 80.0 mg/mmol (normal is less than 10)  
PTH - 14.9 pmol/L (ref 1.6-6.9)  
1.25 Dihydroxycalciferol - 85 pmol/L (60-208)  
Vit D - 58 (51-140)

Potassium, calcium, phosphate and all other values are normal.

Urine culture shows "mixed growth of bowel and/or perineal flora, including yeasts. While predominant pathogen has not been identified, uti has not been excluded". Looks like I have another bout of a UTI.

I've got to work on my blood sugar control! I know my numbers have been all over the place. My diabetic control has become very erratic and difficult. I just don't know what to do.

I feel devastated. Perhaps the first thing to do is take care of my will.

## Document 1:

Some new things my Neph has informed me of about caring for people with CKD.

1. Anemia is not a threat to kidney health as once believed. The body does adjust to new lowered levels of Hg in the body apparently.
2. EPO injections such as Aranesp do pose a risk to cardiovascular health & should be given with caution on an ongoing basis.
3. Severe low protein diets in fact do very little to preserve or halt CKD progression and cause other serious health problems longer term. Nephrologists are increasingly abandoning low protein diets for CKD patients.
4. CKD is a very complex & often baffling condition that Nephrologists struggle to deal with (which often explains the looks of depression I've often witnessed on a many a face of a Neph).
5. Neph just don't have the answers & no one else seems to have them either. This explains the funereal undertaker-like atmosphere of Renal Depts in hospitals.
6. The public has caught on that kidney disease is like what leprosy was in biblical times! A social worker today for example, had the same look of dark depression when I told her what disease I am battling with.
7. A kidney patient is alone in their battle to find whatever joy, optimism and psychological well-being they can hang onto. Nephs are often astounded when they witness this in a kidney patient.
8. When the chips are down & an adverse medical event occurs, Nephs are inaccessible & one is left to survive in ER on their own. ER depts have in fact a very basic understanding of CKD at best.

## Document 2:

There is no simple answer. There are so many variables in each person and each dialysis modality and prescription. This is an interesting article on clearances of solutes.

A sad but forgotten truth: the story of slow-moving solutes in fast hemodialysis.

Elloot S1, Van Biesen W, Vanholder R.

#### Author information

#### Abstract

When trying to optimize hemodialysis adequacy, it can be questioned whether one should focus on the dialyzer or on the patient. Another crucial question is whether the currently applied dialysis adequacy parameter,  $Kt/V(\text{urea})$ , is a reliable marker. For the small and water-soluble solutes, recent advances in convective strategies and/or new dialyzer designs do not add much removal capacity. Depending on their specific kinetics, generally quite different from those of urea, small solute removal benefits from longer or more frequent dialysis. Clearance of beta-2-microglobulin, a marker of middle molecule removal pattern, is improved with dialysis using more open and permselective membranes, as well as by using high convective volume strategies. Furthermore, longer and more frequent dialyses have highly favorable removal characteristics because they facilitate the retarded transport between plasmatic and extraplasmatic compartments over which these molecules are distributed. As M may not be representative of other middle molecules, future kinetic analyses of alternative middle molecules will be of the utmost interest. Protein-bound solute clearance is improved by convective techniques, but not by more open dialyzer pores. Knowledge of their kinetics should be helpful in interpreting the observation that frequent (but not longer) dialysis enhances protein-bound solute removal. Hence, further technical improvements in dialyzers will have only a minor impact on dialysis adequacy, as retarded solute movement in the patient plays a decisive role. As urea kinetics is not representative of the kinetics of protein-bound compounds, middle molecules, nor even of other small and water-soluble solutes, it becomes self-evident that urea clearance is a poor predictor of many aspects of dialysis adequacy.