



## 8 Series (Pathology)

Number of individual test commonly referred together panel.

CMP with BMP (calcium ionized panel)?

Answer:;

Which is have highest content we have to code that first)

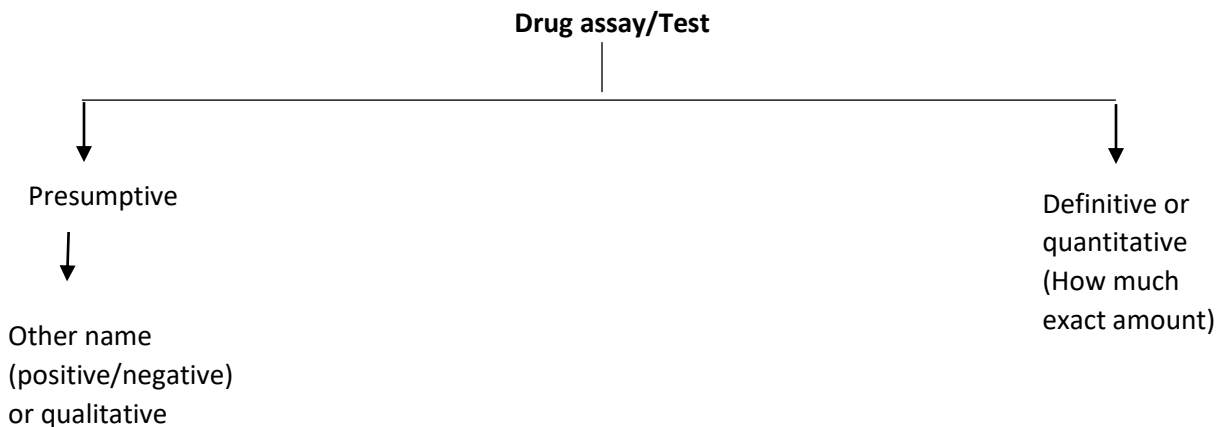
1. 80047 Basic metabolic panel (Calcium, ionized)
  2. 80048 Basic metabolic panel (Calcium, total)
  3. 80050 General health panel
  4. 80051 Electrolyte panel
  5. 80053 Comprehensive metabolic panel
  6. 80055 Obstetric panel
  7. 80081 Obstetric panel (includes HIV testing)
  8. 80061 Lipid panel
  9. 80069 Renal function panel
  10. 80074 Acute hepatitis panel
  11. 80076 Hepatic function panel
- 
1. CMP with Electrolyte panel?
  2. CMP with renal functional panel?
  3. CMP with lipid panel?
  4. CMP with hepatic function panel?
  5. OB panel including HIV testing, CMP:
  6. BMP (Calcium total), Electrolyte Panel :

### Evocative/Suppression Testing 80400 TO 80439

Evocative/suppression testing refers to a class of tests performed where one substance is measured both before and after the administration of another substance to determine if the levels are stimulated ("evocative") or suppressed. They are most commonly performed in the evaluation of possible endocrine disorders

1. Growth hormone suppression panel (glucose administration) in that Glucose x5 times, Human growth hormone x5 times

2. Growth hormone suppression panel (glucose administration) in that Glucose 2 times, Human growth hormone 5 times
3. Insulin tolerance panel; for ACTH insufficiency in that Cortisol 5 times, Glucose 8 times?
4. ACTH stimulation panel for 3beta-hydroxydehydrogenase deficiency in that Cortisol 3 times, 17 hydroxypregnenolone 3 times?
5. Glucagon tolerance panel; for insulinoma in that Glucose 2 times, Insulin 3 times?
6. Insulin tolerance panel; for ACTH insufficiency in that Cortisol 7 times, Glucose 6 times?
7. Metyrapone panel in that Cortisol 3 times, 11 deoxycortiso 2 times?



### 1. Presumptive drug testing by chromatography?

### 2. Codeine, hydrocodone, hydromorphone, morphine, oxycodone, oxymorphone, naloxone

1. Therapeutic Drug Assay for Digoxin total?
2. Therapeutic Drug Assay for Doxepin?
3. Chromosome analysis 20 cells, 2 karyotype with banding?  
Answer:
4. Chromosome analysis 20 cells, 3 karyotype with banding?  
Answer:

5. Tissue culture for non-neoplastic disorder lymphocyte along with Chromosome analysis 20 cells, 2 karyotype with banding?
6. FUNGUS Culture from sputum?

**Surgical pathology: (88300-88309)**

Gross examination -> Visualizing through direct eye

Microscopic examination -> with the help of microscope

Level – I -> 88300

Level – II -> 88302

Level – III -> 88304

Level – IV -> 88305

Level – V -> 88307

Level – VI -> 88309

1. Sample taken from Appendix Gross and Microscopic examination?
2. Sample taken from bicuspid valve Gross and Microscopic examination?
3. Patient is having ulcer sample is taken from skin ulcer Gross and Microscopic examination?
4. Sample taken from lymph node biopsy Gross and Microscopic examination?
5. Sample taken from uterus for prolapse Gross and Microscopic examination?
6. Sample taken from uterus without prolapse Gross and Microscopic examination?
7. Sample taken from uterus for neoplastic Gross and Microscopic examination?
8. Sample taken from finger amputation non traumatic Gross and Microscopic examination?
9. TURP prostate Gross and Microscopic examination?
10. Testis tumor Gross and Microscopic examination?

**Pathology**

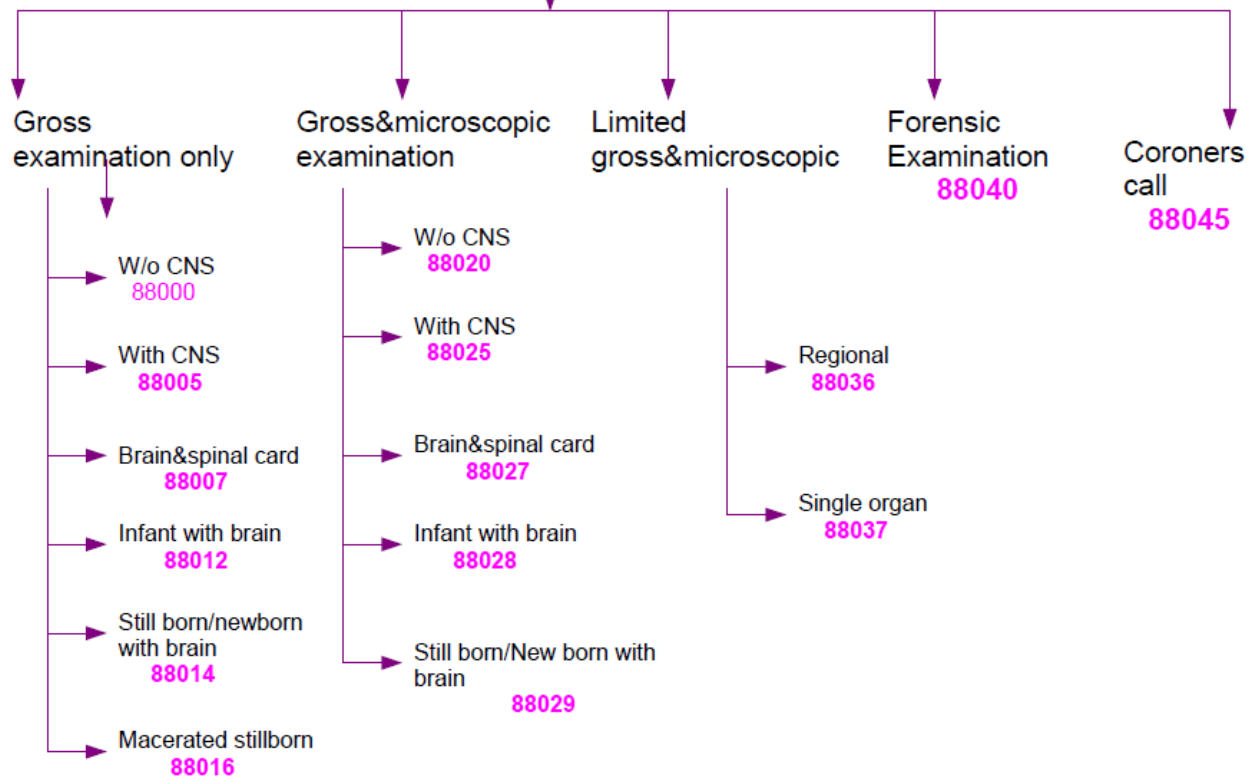
**Postmortem**

Other names of postmortem is autopsy, necropsy.

Look for:-

1. With nervous system/W/o nervous system.
2. Infant live/still born.
3. With brain/w/o brain.
4. Macerated still born.
5. Forensic examination.
6. Coroners call.

**Postmortem**



1. Patient got gunshot in chest and died. MD performed Gross & Microscopic examination in upper part of the trunk.
2. Patient died in apartment due to cardiac arrest physician performing gross and microscopic examination in heart?
3. Gross and microscopic examination for infants with brain

**Cytopathology (study of disease of cell)**

**Theory questions:**

Cryopreservation -> cells are stored in low temperature with the help of liquid nitrogen

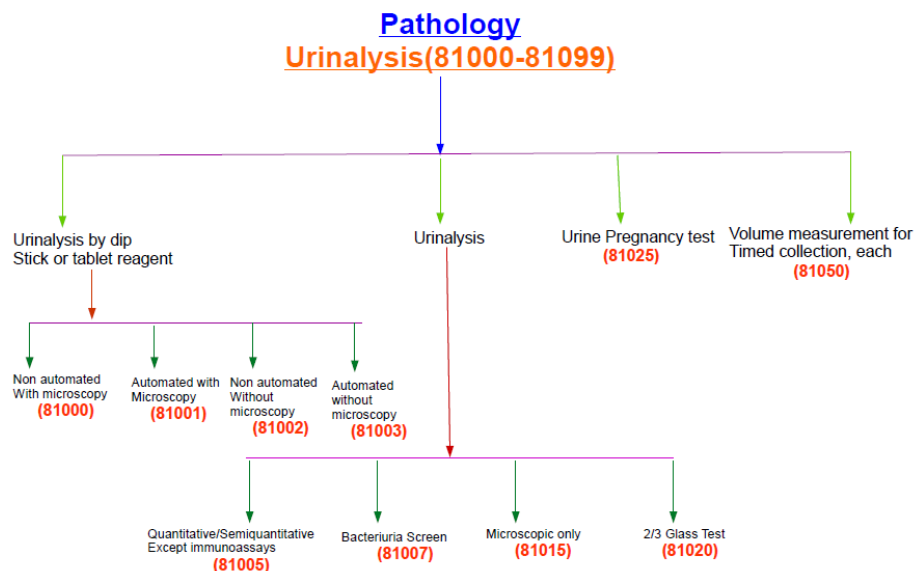
T cells relates to what system? Answer: immune system

## Urine analysis:

1. UA By dip stick
2. UA by dipstick with microscope

## Dipstick or tablet

- ➔ Non automated with microscopy -> 81000
- ➔ Automated with microscopy -> 81001
- ➔ Non automated without microscopy -> 81002
- ➔ Automated without microscopy -> 81003

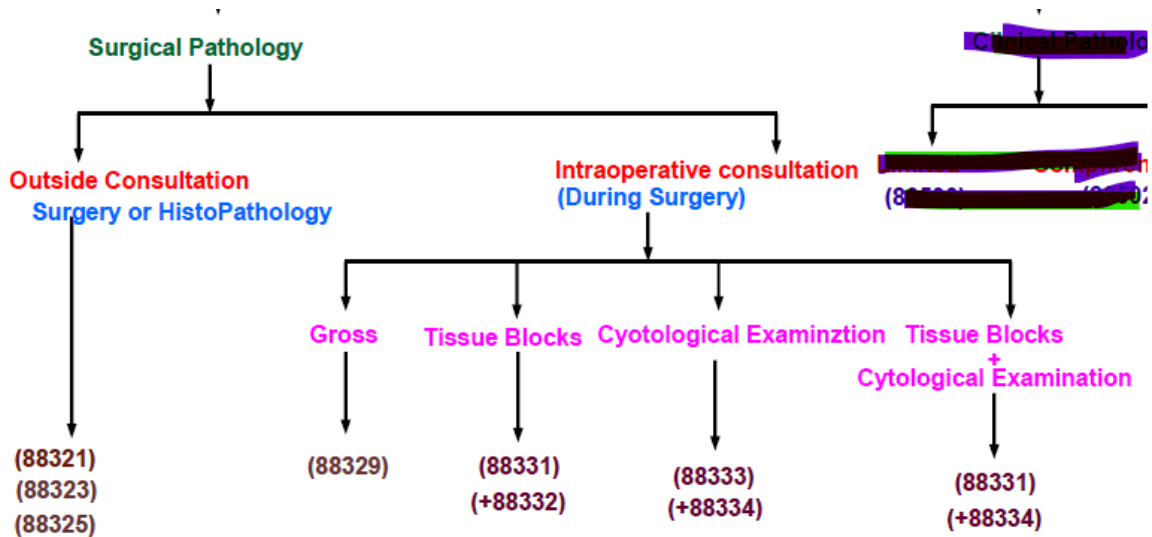


**FISH:** Fluorescence in situ hybridization (FISH) is a test that “maps” the genetic material in a person's cells. This test can be used to visualize specific genes or portions of genes. FISH related to Cytopathology study

**Cryopreservation:** Cells are stored in very low temperature with help liquid nitrogen.

**T cells** count relates to immune system

Culture from sputum?



- Q1. 4 cytological pathological consultation done in during surgery
- Q2. 4TB pathological consultation done in during surgery
- Q3. 4 TB+ 4 cytological pathological consultation done in during surgery