

Adequate Communication:

- Contact the ICU or OR Resident/Fellow or Attending with structured SBAR Handoff:

Situation:

- Introduce yourself and the patient
- Briefly describe the patients situation and reason for ICU transfer or surgery

Background:

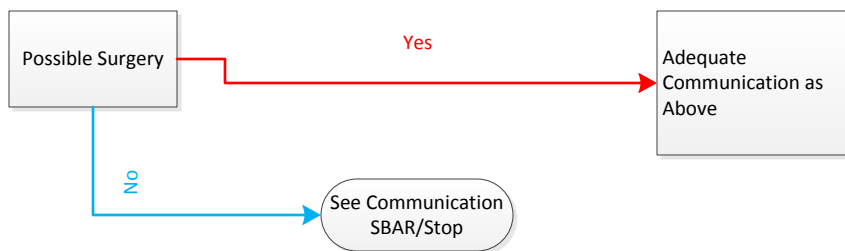
- Briefly state the pertinent history
- What got us to this point

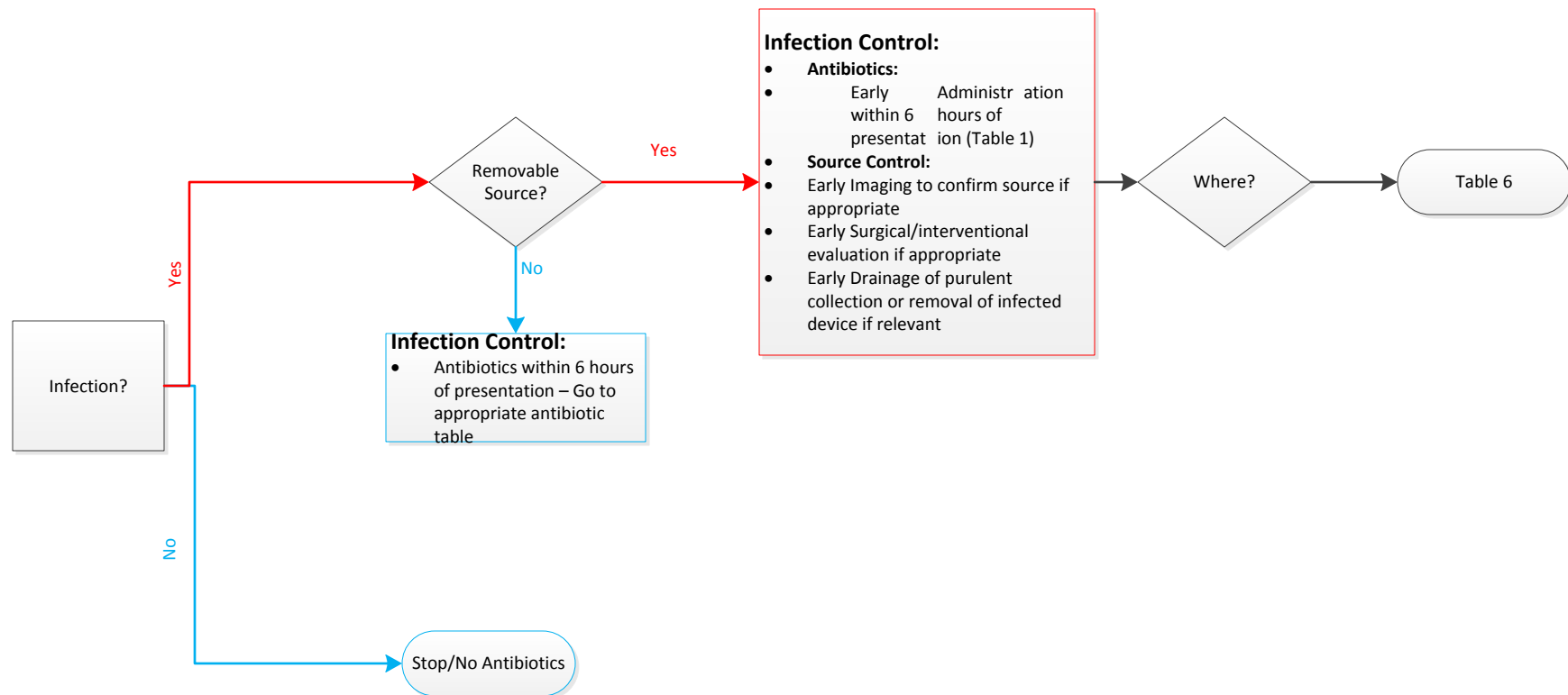
Assessment:

- Identify the patient as high risk for ALI/ARDS
- Indicate CLIP elements to be implemented and continued
- What is going on? Use your best judgement
- What Intervention/treatment did you start and how did the patient respond?
- What is the patient's current state
- Is the patient improving, deteriorating, not changed?

Recommendation/Request:

- Indicate CLIP elements to be implemented and continued for duration of ICU stay or during OR
- What laboratory or radiologic tests are pending and will require follow up?
- Who have been consulted and what recommendations have to be followed up on?
- What therapies need to be continued or followed up on?
- When did the patient last receive antibiotics?





Fluids and Transfusion:

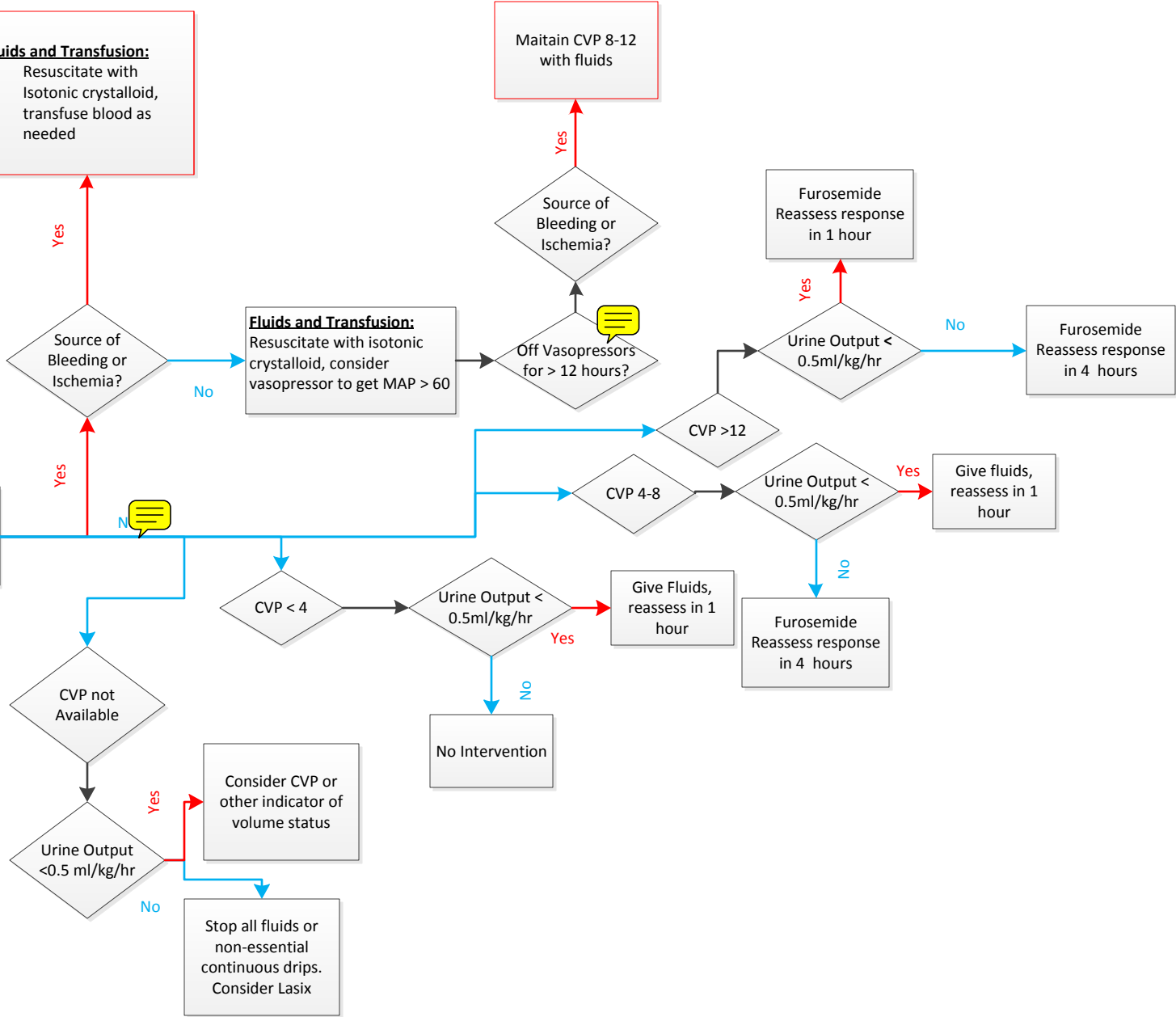
- Resuscitate with Isotonic crystalloid, transfuse blood as needed

Maintain CVP 8-12 with fluids

Fluids and Transfusion:

- Resuscitate with isotonic crystalloid, consider vasopressor to get MAP > 60

Shock (Mean Arterial Pressure < 60) or need for vasopressors



Information needed for LIPS score

Research? If Yes than Give Site and Unique ID

If no, allow investigator to type in Other or Hospital Name

ALI Risk Factors

- Pneumonia = 1.5
- Sepsis = 1
- Aspiration = 2
- Shock = 2

High Risk Trauma

- Lung Contusion = 1.5
- Smoke Inhalation = 2
- Near-drowning = 2
- Multiple fractures = 1.5
- Traumatic Brain Injury = 2

High Risk Surgery

- Cardiac = 2.5
- Aortic/vascular = 3.5
- Orthopaedic/Spine surgery = 1
- Acute Abdomen = 2
- Emergency Surgery = 1.5

Risk Modifiers

- Alcohol Abuse = 1
- Obesity (BMI >30) = 1 – **This must be calculated from height and weight**
- Albumin < 3.5 g/dL = 1
- Chemotherapy = 1
- FiO₂ > 35% (>4L/min) = 2
- Respiratory Rate > 30 = 1.5
- Oxygen saturation < 95% = 1
- At least one Arterial pH < 7.35 = 1.5
- Diabetes Mellitus and the patient has sepsis = -1

$$\text{BMI} = \frac{\text{weight (kg)}}{\text{height}^2 (\text{m}^2)}$$

$$\text{Or BMI} = \frac{\text{Weight (lb)} \times 703}{\text{height}^2 (\text{in}^2)}$$

Patient Location?

Emergency Room, Operating
Room, PACU, Intensive Care
Unit, Floor

Information needed for CLIP treatment algorithm:

Patient Location?

Emergency Room, Operating Room, PACU, Intensive Care Unit, Floor
Initial Presentation, Hospital Day Number?

- Height for Predicted Body Weight Calculation
- Gender for Predicted Body Weight Calculation
- Weight for Urine output calculation
- Does the patient have a source of Infection? Yes or no?
- If yes what is the site? Lung, Abdomen, Urine, Central Nervous System, IV Catheter, Skin/Soft Tissue, Unknown
- Does this patient have a removable or drainable source such as abscess, line, hardware, implant, renal or gallstones, empyema, perforated viscus, acute abdomen? Yes or No
- Allergy list: penicillin, flouroquinolone, cephalosporin, imipenem, or meropenem?
- Is this patient in shock (Mean arterial pressure < 60)? Yes or No
- Is this patient on Vasopressors (this is shock) ? Yes or No
- If not in shock was the patient on vasopressors in the last 12 hours? Yes or No
- Does this patient have a central line to monitor CVP? Yes or No
- What is the Central Venous Pressure?
- What is the urine output? <0.5 ml/kg/hour or > 0.5 ml/kg/hour
- Is this patient currently bleeding? Yes or No
- Does the patient have acute Ischemia Including acute coronary syndrome, acute stroke, acute bowel ischemia? Yes or No
- Current Respiratory Status: On non-invasive ventilation,
- Spontaneously breathing and not on invasive ,or non-invasive ventilation
- If on mechanical ventilation is the PEEP at least 5 cm? Yes or No
- Admission/tranfer to Intensive Care Unit likely in the next 24 hours: Yes, No, Already in the ICU
- Will the patient possibly need surgery in the next 24-48 hours? Yes or No
-

Predicted Body Weight for
Appropriate Tidal Volumes:
Please see chart – I am happy to
type this up if desired

Formula from www.ardsnet.org
PBW (kg)
Males = 50 + 2.3 [height (inches)
– 60]

Females = 45.5 + [height
(inches) – 60]

Appropriate Antibiotics by
Source: Please see table. I will
discuss allergies issue with
you

Study Sites:

Akdeniz University Hospital, Turkey
Beth Israel Deaconess Medical Center
Bridgeport Hospital, Yale New Haven Health
Brigham and Women's Hospital
Denver Health Medical Center
Duke University Medical Center
Denver Health Medical Center
Emory University, Atlanta
Hospital of the University of Pennsylvania
Massachusetts General Hospital
Mayo Clinic Jacksonville
Mayo Clinic Rochester
Miami Valley Hospital
Montefiore Medical Center
Mount Sinai School of Medicine
Parkland Health and Hospital System, Dallas
Temple University School of Medicine
The Johns Hopkins University
Uludag University School of Medicine, Turkey
University of Illinois at Chicago
University of Medicine and Dentistry of New Jersey
University of Michigan University Hospital
University of Missouri – Columbia
University of Washington, Harborview Medical Center
Wake Forest University Health Sciences

Other Requirements:

Day of Hospitalization

A check box or some other
method to determine that
each process was done

Return To CLIP Site Daily for
Update recommendations or
if the patients condition has
changed.
Study Number becomes the
link to the Daily Clip

