

# Intra-Abdominal Pressure Monitoring Algorithm

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## Indications for IAP monitoring:

### Sepsis / SIRS / Ischemia Reperfusion

- Sepsis and resuscitation with > 6 liters crystalloid / colloid or > 4 units blood in 8 hours<sup>1-3</sup>
- Pancreatitis<sup>4,5</sup>
- Peritonitis<sup>2,3,6</sup>
- Ileus / Bowel obstruction<sup>2,3,7,8</sup>
- Mesenteric ischemia / necrosis<sup>9</sup>

### Visceral compression / Reduction

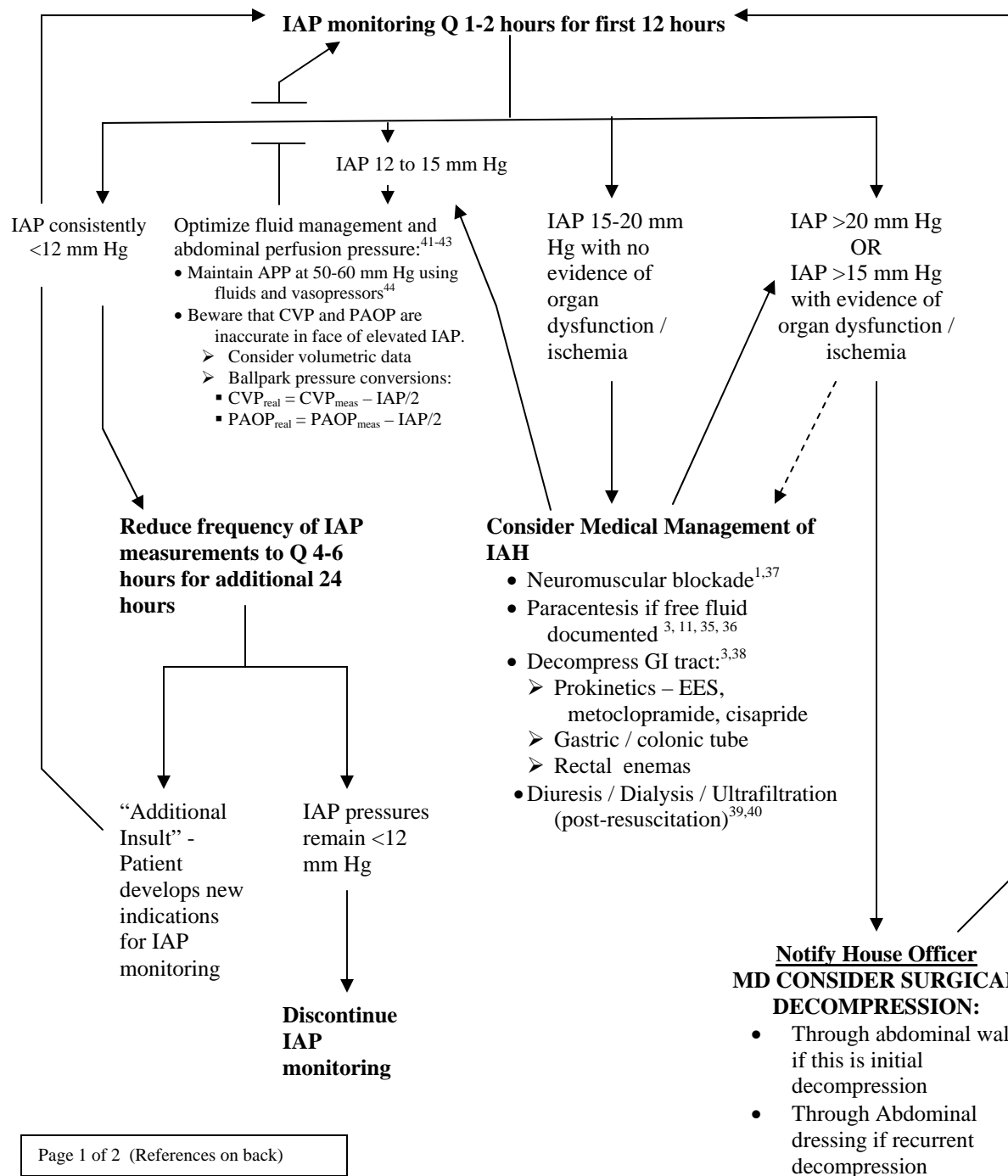
- Large ascites/ peritoneal dialysis<sup>3,6,10,11</sup>
- Retroperitoneal / abdominal wall bleeding<sup>12,13</sup>
- Large Abdominal tumor<sup>6,10</sup>
- Laparotomy closed under tension<sup>14,15</sup>
- Gastroschisis / Omphalocele<sup>16-18</sup>

### Surgical

- Intra-operative fluid balance > 6 liters<sup>19</sup>
- Abdominal aortic aneurysm repair<sup>20-23</sup>

### Trauma

- Shock requiring resuscitation (ischemia-reperfusion)<sup>3,24,25</sup>
- Damage Control Laparotomy<sup>26-28</sup>
- Multiple trauma with or without abdominal trauma requiring resuscitation with > 6 liters crystalloid/colloid or > 4 units blood in 8 hours<sup>24,25,27,29,30</sup>
- Major burns (> 25%)<sup>11,31-34</sup>



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Intra-Abdominal Pressure Monitoring Kit



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