

Intra Abdominal Pressure Monitoring (Intermittent)

FOLEY-MANOMETER TECHNIQUE

PROCEDURE

1. Prepare equipment: Unometer™ Abdo Pressure™ manometer tubing; 20ml syringe: 20ml sterile 0.9% saline; Blue clamp (for initial set-up & priming).
2. Place patient in supine position (if tolerated). Drain urine into urine collecting bag
3. Insert the Unometer™ Abdo Pressure™ manometer between patient's Foley catheter and urinary drainage device. Clamp drainage tubing.
4. Prime the Unometer™ manometer with 20mls of sterile 0.9% saline through its *needle-free* injection/sample port (using an aseptic technique) into patient's bladder.
**Prime only once i.e. at initial set-up, or subsequently to remove any air in the manometer tube.*
5. 'Zero' by placing the "0 mmHg" marking of the manometer at either level of patient's mid-axillary line. Always use the same "0 mmHg" reference point.
6. Elevate the manometer filter vertically above patient.
7. Open **red** clamp & air displacement valve, allow fluid meniscus to rise.
8. Take end-expiration value (**Pvesical**) when fluid meniscus has stabilized†.
Fluid meniscus should rise slightly on inspiration.
9. Close **red** clamp & air displacement valve and position manometer tubing to allow gravity drainage of urine.
10. Calculate Abdominal Perfusion Pressures using MAP & IAP
11. Document and report findings, and agree frequency for IAP determination (*hourly or as agreed with medical staff*)
12. Remove (or clamp off) transducer set, unclamp drainage tube, ensure free flow of urine.

NB:

** Manometer tube should always be fluid filled when measuring IAP*

† Slow descent (>20–30 seconds) of meniscus during end-expiration can suggest a blocked or kinked Foley catheter.

*** Urine sampling from *needle-free* port can be facilitated by temporarily opening **red** clamp. Remember to close **red** clamp after and ensure air displacement valve remains dry.*

*** Replace (*if still in use*) Unometer™ Abdo Pressure™ manometer after 7 days.*

For guidance on management of raised IAP see www.wsacs.org

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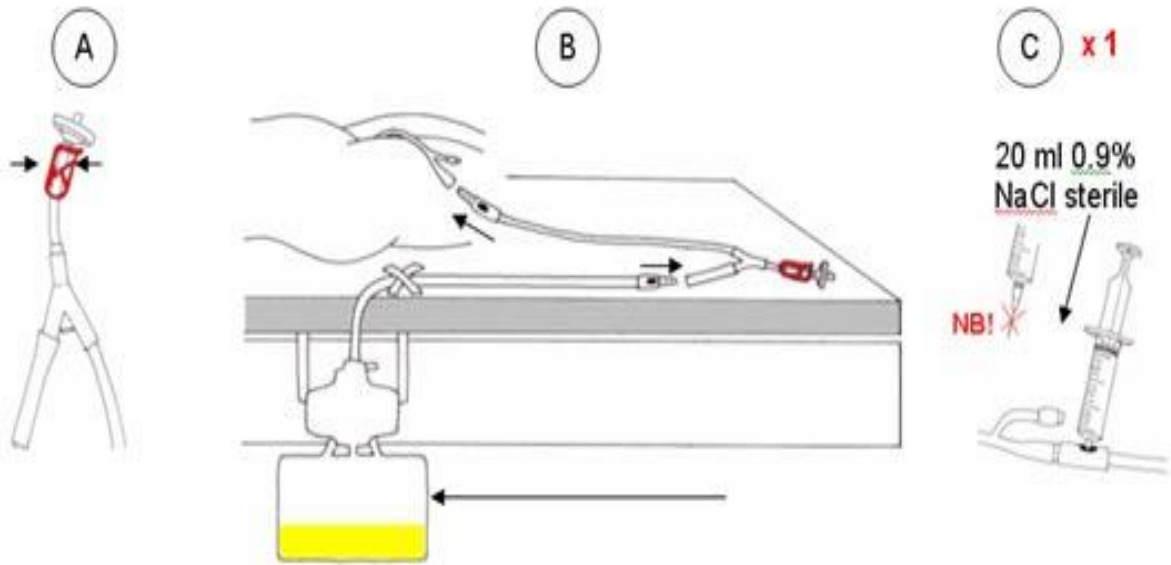
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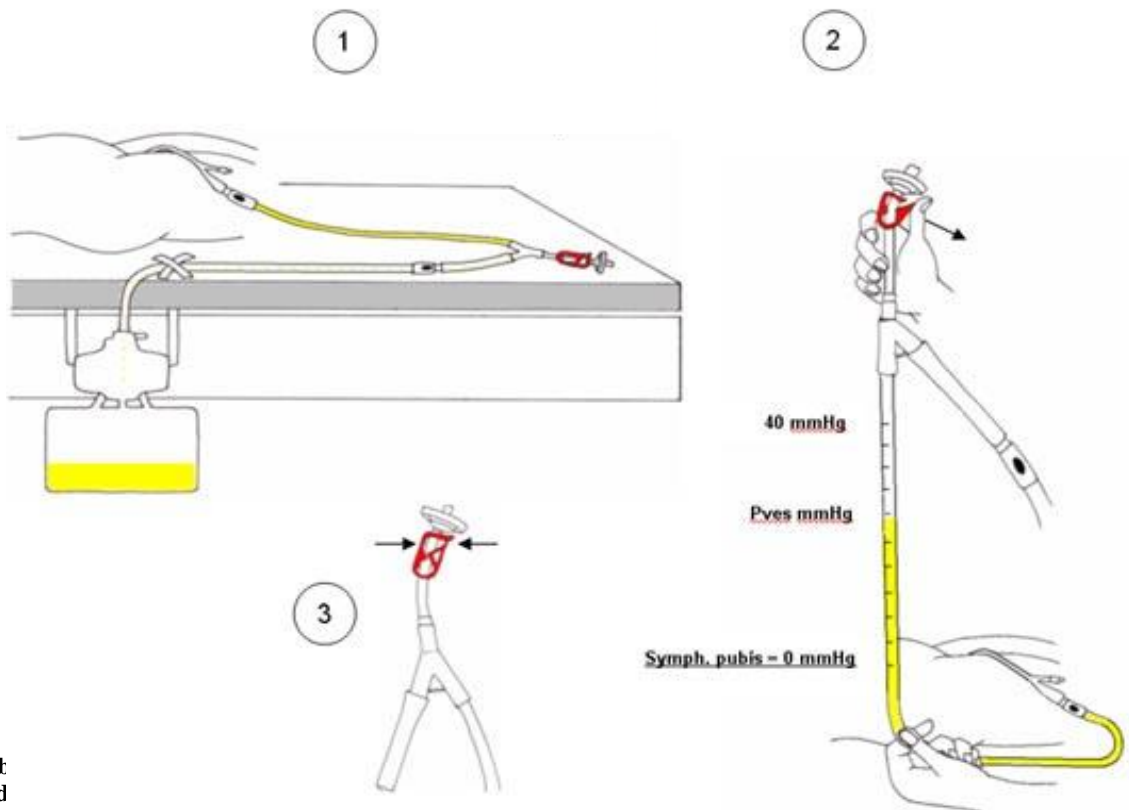
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FOLEY-MANOMETER TECHNIQUE

INITIAL SET-UP PROCEEDURE (1 – 4)



MEASURING INTRA-ABDOMINAL PRESSURE PROCEEDURE (5 – 9)



Mid-axillary line = 0mmHg