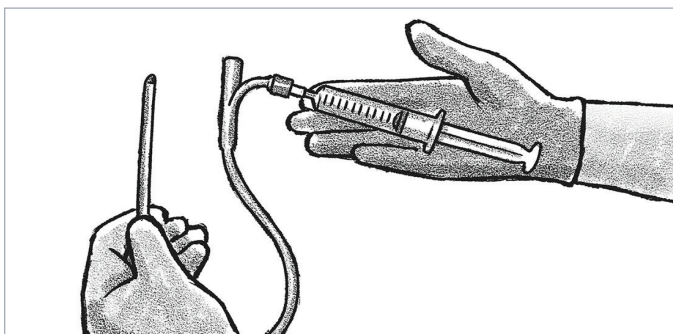
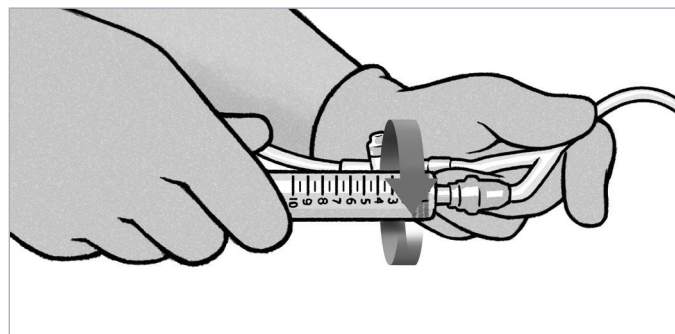


# Balloon insertion and removal techniques



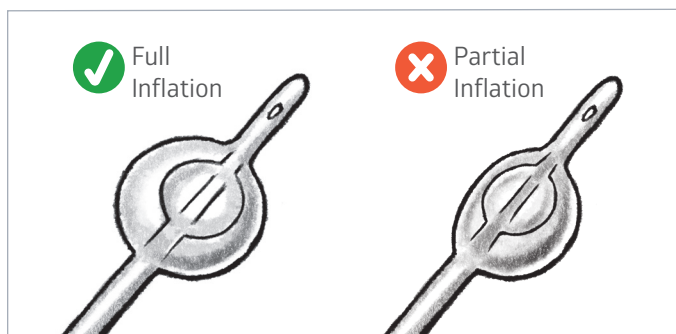
## ▲ PRACTICE ALERT No pretesting of balloon

- Pretesting causes microscopic cuffing of the balloon
- Insertion of a pretested catheter with cuffing can cause pain and urethra trauma
- All balloons are tested prior to release from the factory



## Proper seating of sterile water syringe

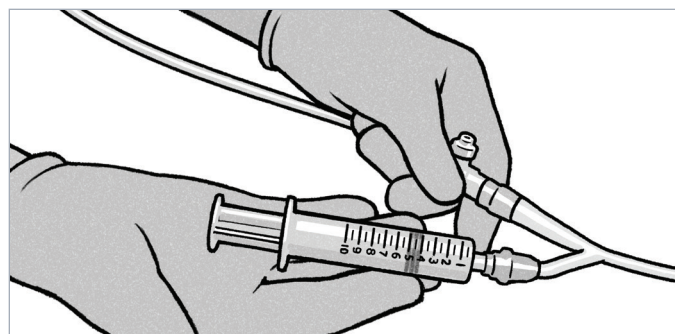
- Gently **press and twist** syringe into inflation valve
- Use sterile water provided. Do not use saline, which can crystalize and make removal difficult



## Use appropriate balloon fill

An underinflated balloon is asymmetrical and can result in the tip of the catheter irritating the bladder wall

French size	Balloon size	Max fill volume
6 fr	1.5 ml	3 ml
8 & 10 fr	3 ml	5 ml
12-24 fr	5/10 ml	10 ml
16-24 fr	30 ml	35 ml



## ▲ PRACTICE ALERT Use passive deflation for balloon deflation:

- Attach empty syringe and allow water to dispel from balloon on its own
- Active deflation, pulling back on the plunger, can cause microscopic cuffing of the balloon
- If passive deflation is unsuccessful, use gentle active deflation and return 0.5 ml of fluid into the balloon prior to removal