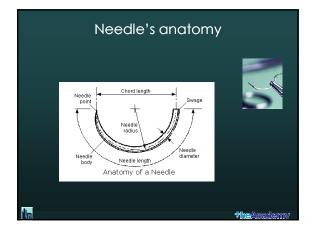
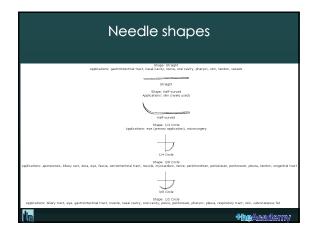
Needle manipulation

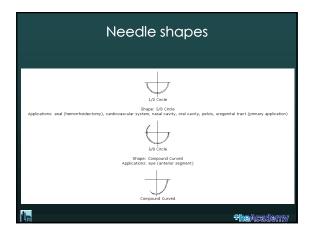


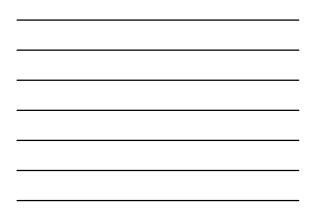


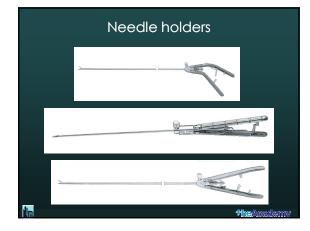






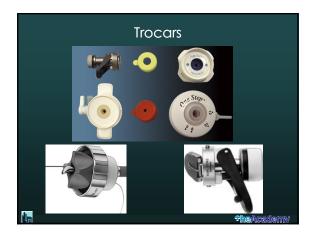




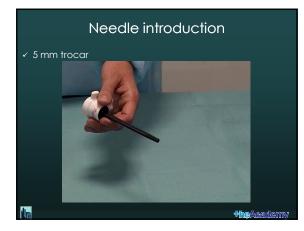












3

Needle extraction

✓ 10mm trocar

- 5 mm trocar:
- Straiten the needle using 2 needle holders

Loading the needle

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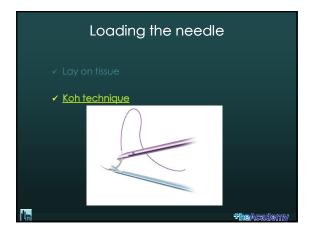
theAcademy

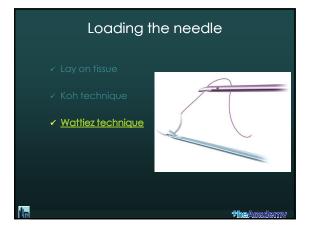
+heAcademy

- ✓ Lay on tissue
- ✓ Koh technique
- ✓ Wattiez technique
- ✓ twist

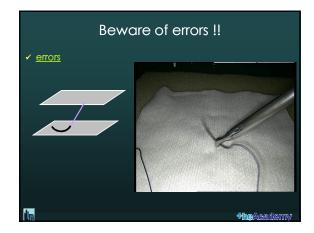
Loading the needle

- Lay on tissue
- ✓ Koh technique
- ✓ Wattiez technique
- ✓ twist

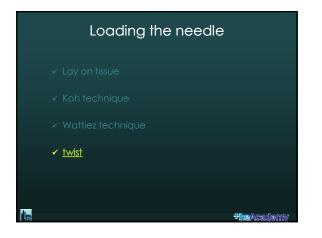


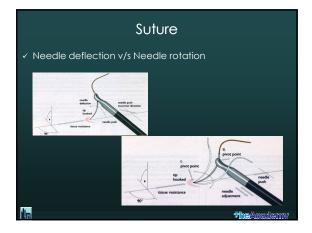










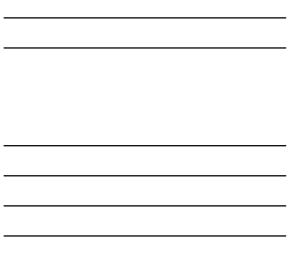


Suturing

11

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Master rotation principleTrain one hand at a time



6



Exercises

- Needle insertion through trocars
- ✓ Loading the needle
- ✓ Suturing WITHOUT KNOTTING
 - Z line

Greek line



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