



Supprelin LA Implant / Replacement Course

Center for Human Simulation & Patient Safety

[McGlothlin Medical Education Center](#)

1201 E. Marshall Street, 9th Floor

Richmond, VA 23298

7:30 to 8:00 – Breakfast and check in

8:00 to 8:10 – Welcome and Introductions

Session 1

8:10 to 8:35 – Procedure Setup

- Office vs procedure room vs OR
- Timing of procedure; in AM vs afternoon
- Implant kit
- Additional instruments
- Additional supplies - gauze, towels, local, skin glue, etc.
- Implant
- Flow of procedure
- Helper / arm holder
- Child life
- TV or their iPad / phone with video or music
- Arm prep
- Insertion vs Replacement vs Removal only
- Q&A

Session 2

8:35 to 9:05 - Dr. Abuzzahab (as an endocrinologist, got into placing these implants / current struggles / success, etc.)

Session 3

9:05 to 9:35 - Technical Details

- Prepping and draping
- Scalpel / incision
- Injection of local
- Table set up
- Insertion tool
- Finding / grasping implant
- Handling capsule
- Traction on implant
- Suture
- Skin glue vs steristrips
- Coban
- 2nd incision
- Use of extra instruments

- Assistant for procedure
- Aspects of placing the implants in the hip area (Dr. Abuzzahab)
- Q&A

Session 4

9:35 to 10:55 – Hands on session with insertion kit and instruments (Instruments and insertion kit will also be reviewed on camera for virtual audience)

10:55 to 11:05 – Break

Session 5

11:05 to 12:05 – Videos (5 - 10 minutes each)

- Instrument set up (x1)
- Insertion (x1 - 2)
- Replacement (x1 - 2)
- Removal (x3 – 5)
- Use of ultrasound (x1 - 2)

Session 6

12:05 - 12:35 - Dr. Nance

- Placing implants in the clinic w/o sedation

12:35 to 1:05 – Lunch

Session 7

1:05 to 1:30 - Interaction with Patient and Family

- Preop discussion re: implant
- Preop discussion re: anesthesia
- Billing
- Postop instructions
- Post procedure follow-up
- Notes to PCP and endocrinologist
- Office to set them up
- Need to see the patient before replacement / removal
- Q&A

Session 8

1:30 to 1:55 - Anesthesia

- Sedation
- General anesthesia
- EMLA cream
- Local anesthesia
- NPO
- Nitrous
- IV sedation
- Mask sedation

- Flexible plan
- Q&A

Session 9

1:55 to 2:25 – Problems and Complications

- Adherent capsule
- Broken implant
- Second incision
- Moving patient(non-cooperative)
- Using US with sterile cover
- Infection
- Rejection
- Implant stuck in delivery device
- Bleeding
- Difficult to find implant
- Implant placed over 1 year ago
- Patient known to pick at wounds
- Q&A

Session 10

2:25 to 2:50 - Pearls

- Don't drop the implant!
- Several back-to-back for efficiency
- Placing Supprelin LA implants may result in more referrals for other endocrine operations
- Patients and families are incredibly appreciative
- Many are able to have procedure done w/o anesthesia
- Process can be very smooth and efficient

Session 11

2:50 - 3:10 Final Q&A and Wrap Up

3:10 – 3:15 - Closing Remarks

- Drs. Lanning, Abuzzahab, and Nance