Mini-needle anesthesia technique

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Anesthesia

What average pain level should be achieved on a scale 0-10:
• during anesthesia?
• during surgery?

• How much lidocaine are you using in total?
The Jet Gun Technique (No Needle)

0.1 cc/shot x 2-3 shots per side
Total=0.4 - 0.6 cc

Average pain level
1.7/10 during anesthesia
0.7/10 during surgery

Weiss 2005
The Mini-Needle Technique

- 30 gauge needle 1”
- 2 or 3 cc syringe
- 2 cc lidocaine
- 0.5 cc injected in and around the vas at the level of the intended surgical site

Average pain level
1.5/10 during anesthesia
0.6/10 during surgery

Shih 2010
1. Superficial skin wheal 0.5cc

**Tip #1**
Make the skin wheal at the junction of the penis and the scrotum
To Avoid the Convulated Section of the Vas...
2. Left vas anesthesia 0.5cc

Tip #2
Inject in between your fingers at the surface the vas (touching the vas with the tip of the needle)

Tip #3
Once you are well located inject 0.5 cc
2. Left vas anesthesia 0.5cc

Tip #4
The tip of the needle may enter the vas wall. You may then not be able to inject. Just move the needle in any direction (half a mm) and try injecting again.

Tip #5
Do not poke in and out to avoid piercing vessels.
3. Right vas anesthesia 0.5cc