

# Wide Awake Local Anesthesia

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Nothing to Disclose



1

One of the Best Things That I Have Done in my Practice



2

Eliminating Variables



$$\lim_{h \rightarrow 0} \frac{(x - h)^2 - x^2 + h}{h}$$

3

No IV's



4

No Sedation, Not Groggy



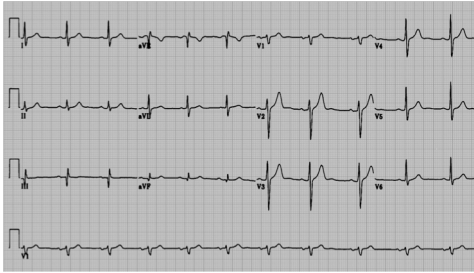
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No Anesthesia Charge



6

No Need for Preop Bloodwork, EKG's



7

You Can Eat Right up to Surgery



8

No Need to Get Undressed



9

No Need to Stop Anticoagulants



10

You Can Drive Home



11

Nurses and Staff Love it!



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### I Love Talking to & Educating my Patients



13

### I Hate the Hospital



14

### Avoids all the Downsides of Anesthesia



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### Tremendous Healthcare Savings



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### Can do Almost Any Surgery

- Elbow
  - All soft tissue
    - All cubital tunnel
    - Olecranon bursal
  - Bone Surgery more difficult – Olecranon fractures
- Forearm
  - Both bone forearm fx
- All Wrist and Hand
  - Distal radius fx
  - Osteotomies
  - CMC arthroplasty
  - PRC
  - Wrist Arthroscopy
  - Tendon repairs
  - Microsurgery
  - All ECTR, triggers, De Quervain's
  - PIP and MCP arthroplasties



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### C Spine Fracture



18

Can do Almost Any Surgery



19

Beware the Demented Patient



20

I love the Tourniquet



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ECTR, Cubital Tunnel, & Thumb CMC Arthroplasty



22

ECTR, Cubital Tunnel, & Thumb CMC Arthroplasty



23

My Cocktail



24

### I Love Epinephrine

Epinephrine

Local anesthetic

Local anesthetic

Flushed out of the local area

Epinephrine produces vasoconstriction and localizes the drug

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### 1% Lido with Epi Preferred

- 5 hours wrist
- 10 hours finger
- 0.25% Marcaine with Epi
  - Numbness to pain 15 hours
  - Numbness to pressure and touch 30 hours
- **Finger numb but it hurts**

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### Bicarb

50 mL Single-dose  
8.4% Sodium  
Bicarbonate  
Inj., USP Rx only  
50 mEq (1 mEq/mL)  
4.2 g Sodium (84 mg/mL)  
HOSPIRA, INC. LARG PHARMACY & WHOLESALE  
LOT 02-1244-11

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### Bicarb x 2 4 Pus

50 mL Single-dose  
8.4% Sodium  
Bicarbonate  
Inj., USP Rx only  
50 mEq (1 mEq/mL)  
4.2 g Sodium (84 mg/mL)  
HOSPIRA, INC. LARG PHARMACY & WHOLESALE  
LOT 02-1244-11

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### My Cocktail

MEDICATION ADDED

PATIENT: 11/22/19

DRUG: 0.25% Bupivacaine

AMOUNT: 1.25 mL (12.5 mg)

ADDED BY: [signature]

DATE: 11/22/19

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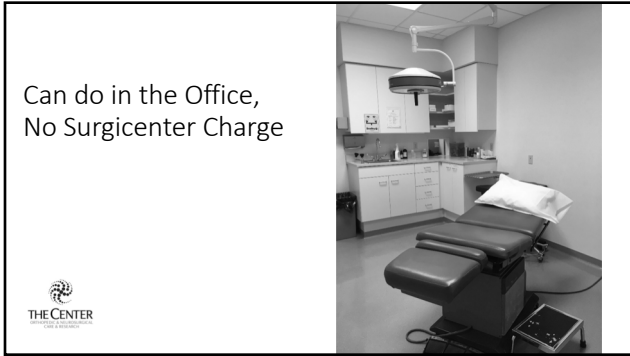
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### Finger Tournicot's

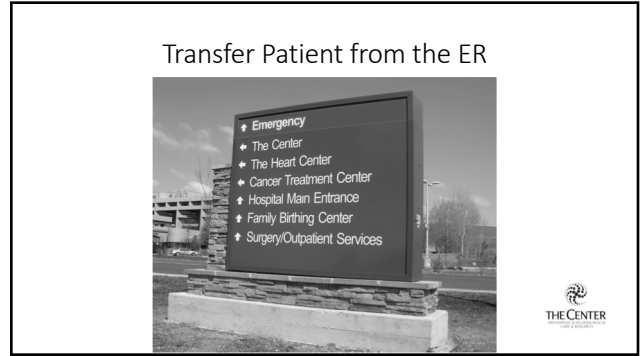
Tourni-cOt  
Patient Use

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33



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Injection Tips



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Do not use Refrigerated Local Anesthetic



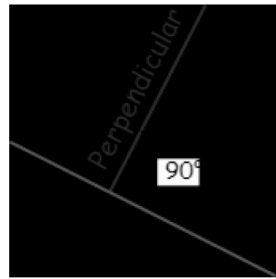
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Stabilize the Syringe with Both Hands



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Inject Perpendicular to the Skin



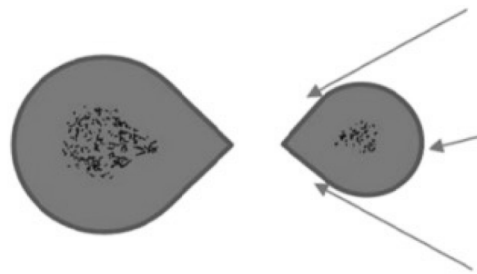
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Learn From Each Patient and Each Injection



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For Bone - Get the Periosteum



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The 25 minutes

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Good Morning!  
Any Allergies?  
Do the Injection  
Then do Paperwork

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Next Time There are Too Many Variables,  
Hassles, Patient is too Sick, Etc.  
Think Local!

Wide Awake Anesthesia

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