

Must Know Anatomy For Regional Anesthesia And Acute Pain Medicine Microanatomy Macroanatomy Sonoanatomy Functional Anatomy

[#Regional Anesthesia Anatomy](#) [#Acute Pain Medicine Anatomy](#) [#Sonoanatomy](#) [#Functional Anatomy](#) [#Microanatomy](#) [#Macroanatomy](#)

Master the essential anatomical knowledge crucial for effective regional anesthesia and acute pain medicine. This comprehensive guide covers microanatomy, macroanatomy, sonoanatomy, and functional anatomy, providing practitioners with the foundational insights required for precise procedures and optimal patient care.

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Must Know Anatomy For Regional Anesthesia And Acute Pain Medicine Microanatomy Macroanatomy Sonoanatomy Functional Anatomy

Supraclavicular Brachial Plexus Block - Supraclavicular Brachial Plexus Block by Regional Anesthesiology and Acute Pain Medicine 125,786 views 3 years ago 5 minutes, 31 seconds - In this video, we discuss the **anatomy**, indications, and technique for ultrasound guided supraclavicular brachial plexus block.

Introduction

Positioning

Anatomy

Tips

Ultrasound for Neuraxial Procedures - Ultrasound for Neuraxial Procedures by Regional Anesthesiology and Acute Pain Medicine 68,614 views 2 years ago 8 minutes, 50 seconds - In this video we will highlight the role of ultrasound in imaging the spine, with a particular focus on procedures such as **spinal**, and ...

Intro

Lumbar puncture

Spine orientation

Using the ultrasound

Scanning sequence

Realtime imaging

Fascia Iliaca Plane Block - Fascia Iliaca Plane Block by Regional Anesthesiology and Acute Pain Medicine 97,466 views 1 year ago 6 minutes, 40 seconds - In this video, we discuss the **anatomy**, **sonoanatomy**, technique and tips and tricks for success when performing an ...

Fundamentals of Regional Anaesthesia & Plan A Blocks - Fundamentals of Regional Anaesthesia & Plan A Blocks by Dr Amit Pawa 3,403 views 2 years ago 33 minutes - This Lecture was delivered by Dr Amit Pawa remotely to the South London **Regional Anaesthesia**, Workshops organised by Health ...

Intro

Disclosures

Basic Ultrasound & Needling Principles

Probe Selection

Probe Manipulation

Pressure (Compression)

Alignment (Sliding)

Rotation

Anisotropy

Select the correct Preset Nerve

Positioning Your Picture

Frequency

Short/Long Axis Imaging

BAD Ergonomics

Needling Technique Out-Of-Plane (OOP)

Needling - OOP

Needling Technique In-Plane (IP)

Needling - IP

Single/Double/Triple

NYSORA - Triple Monitoring

Use of PNS

Compressed Air Injection Technique (CAIT) 50% compression ensures pressure I am

Jedi

Learning Anatomy Has Changed

Brachial Plexus Roots Trunks Divisions Cords Branches

Nerve Appearance

Other Tissue Appearance

Interscalene

For Stage 3 - Key Capabilities

Erector Spinae Plane

Rectus Sheath

Femoral

Adductor Canal (FTB)

Popliteal

Some On-Line Resources

Stop Before You Block

Summary

Popliteal Sciatic Nerve Block - Popliteal Sciatic Nerve Block by Regional Anesthesiology and Acute Pain Medicine 88,616 views 2 years ago 7 minutes, 13 seconds - In this video we discuss the ultrasound guided popliteal sciatic nerve block, including **anatomy**,, **sonoanatomy**,, indications, and tips ...

Intro

Perineural sheath

Finding the right location

Positioning

Sonogram

Injection

Uses

Tips

PENG Block (Pericapsular Nerve Group Block) - PENG Block (Pericapsular Nerve Group Block) by Regional Anesthesiology and Acute Pain Medicine 124,972 views 2 years ago 4 minutes, 49 seconds - In this video, we will describe the **anatomy**,, **sonoanatomy**,, indications and block technique for the Pericapsular Nerve Group (or ...

Intro

Anatomy

Ultrasound

Tips

Ultrasound Guided Obturator Nerve Block - Ultrasound Guided Obturator Nerve Block by Regional Anesthesiology and Acute Pain Medicine 40,225 views 1 year ago 5 minutes, 59 seconds - In this video, we describe the **anatomy**, **sonoanatomy**, indications, technique and some tips for safely and effectively performing ...

Anatomy

Adductor Brevis Muscle

Adductor Magnus

Find the Nerves

Obturator Nerve

Obturator Tips and Tricks

Hip and Knee Indications

What to do when the needle encounters the bone during spinal or lumbar puncture - What to do when the needle encounters the bone during spinal or lumbar puncture by NYSORA - Education 220,633 views 1 year ago 8 minutes, 48 seconds - Have you ever experienced or witnessed a “difficult” **spinal**, puncture in a young, slim patient with landmarks visible from a mile?

TYPICAL SCENARIO

SCENARIO 03

SCENARIO 04

Anesthesia for Rotator Cuff Repair - Crash course with Dr. Hadzic - Anesthesia for Rotator Cuff Repair - Crash course with Dr. Hadzic by NYSORA - Education 121,008 views 2 years ago 22 minutes -

NOTE: Do NOT drive or engage in ANY financial transactions until you recover from surgery and **anesthesia**. You **must**, have an ...

Rotator Cuff Tear

Common Symptoms of a Rotator Cuff Tear

Kinds of Rotator Cuff Tears a Partial Tear

Anesthetic Options

General Anesthesia

Recovery from General Anesthesia

Benefits

Local Regional Anesthesia

Disability

The Rotator Cuff Tears

Placement of the Catheter in the Interscaling Space

Confirm the Needle Placement

Inserting the Catheter

Recovery after Rotator Cuff Repair Surgery

Anesthesia for Hip Fracture - Crash course with Dr. Hadzic - Anesthesia for Hip Fracture - Crash course with Dr. Hadzic by NYSORA - Education 65,499 views 2 years ago 12 minutes, 23 seconds - Hip fractures are a common, morbid, and costly event among older adults. Patients with hip fractures are typically operated on ...

VAS 5: S-KETAMINE 5mg IV

SPINAL: ISOBARIC BUPI 0.5% 10 mg (2 mL)

SUPRAINGUINAL FASCIA ILIACA BLOCK

ASSURE NO MOTOR RESPONSE @ 0.5 mA TO AVOID INJURY TO FEMORAL NERVE

AFTER SIFI BLOCK, MUST POSITION THE PATIENT IN THE LATERAL POSITION FOR SPINAL

AFTER ANALGESIA WITH SIFIB, THE PATIENT IS POSITIONED IN LATERAL POSITION FOR SPINAL.

LOCAL ANESTHETIC (LA) FOR THE SKIN

22 GAUGE QUINCKE NEEDLE

PARAMEDIAL TECHNIQUE

APPEARANCE OF CSF = PROPER PLACEMENT OF NEEDLE TIP IN THE SUBARACHNOIDAL SPACE.

BUPIVACAINE 0.5% 2 ML (ISOBARIC) - 10MG

ISOBARIC BUPI 10 MG RESULTS IN EXCELLENT HEMODYNAMIC STABILITY.

10 MG ISOBARIC BUPIVACAINE = 3-4 HOURS OF ANESTHESIA

ONSET OF SPINAL = 20-30 MINUTES

Ultrasound-Guided Femoral Nerve Block - Regional anesthesia Crash course with Dr. Hadzic -

Ultrasound-Guided Femoral Nerve Block - Regional anesthesia Crash course with Dr. Hadzic by NYSORA - Education 234,513 views 3 years ago 8 minutes, 48 seconds - Ultrasound Guided Femoral Nerve Block - The ultrasound (US)-guided technique of the femoral nerve blockade allows the ...
Femoral Nerve Block
Femoral Artery
Pressure Application
In-Plane Needle Insertion
Aspiration
Ultrasound Guided Axillary Brachial Plexus Block NYSORA Regional Anesthesia - Ultrasound Guided Axillary Brachial Plexus Block NYSORA Regional Anesthesia by NYSORA - Education 247,728 views 4 years ago 9 minutes, 53 seconds - 0:00 Patient Positioning 0:44 **Local anesthetic**, choice 1:10 Ultrasound **Anatomy**, 2:36 Axillary Brachial Plexus Block 7:58 ...
Patient Positioning
Local anesthetic choice
Ultrasound Anatomy
Axillary Brachial Plexus Block
Musculocutaneous nerve block
ULTRASOUND-GUIDED PARAVERTEBRAL BLOCK - ULTRASOUND-GUIDED PARAVERTEBRAL BLOCK by NYSORA - Education 51,575 views 1 year ago 3 minutes, 30 seconds - In this video, we feature an ultrasound-guided paravertebral block technique. The paravertebral block is the most effective ...
Neuraxial Spinal Anesthesia Ultrasound assisted - Regional anesthesia Crash course with Dr. Hadzic - Neuraxial Spinal Anesthesia Ultrasound assisted - Regional anesthesia Crash course with Dr. Hadzic by NYSORA - Education 181,303 views 3 years ago 9 minutes, 45 seconds - 00:14 Palpation 02:05 Ultrasound settings 02:55 Preparation 04:12 Identification of the midline 05:30 Determine the **spinal**, level ...
Palpation
Ultrasound settings
Preparation
Identification of the midline
Determine the spinal level
Paramedial approach
Expected depth of needle insertion
LA injection
Axillary Block Decision Making Explained - Crash course with Dr. Hadzic - Axillary Block Decision Making Explained - Crash course with Dr. Hadzic by NYSORA - Education 53,016 views 2 years ago 10 minutes, 47 seconds - Axillary brachial plexus block is one of the most clinically applicable **regional anesthesia**, procedures. While adherence to the ...
Intro
Axillary Block Strategy
Outro
Supraclavicular Block - Regional anesthesia Crash course with Dr. Hadzic - Supraclavicular Block - Regional anesthesia Crash course with Dr. Hadzic by NYSORA - Education 283,272 views 3 years ago 5 minutes, 34 seconds - The supraclavicular block is one of several techniques used to anesthetize the brachial plexus. The block is performed at the level ...
Introduction
Anatomy
Technique
Ending
Pain Medicine - Lumbar Medial Branch, Facet Joint and Nerve Root Blocks - Pain Medicine - Lumbar Medial Branch, Facet Joint and Nerve Root Blocks by Regional Anesthesia 76,949 views 8 years ago 15 minutes - ISURA 2012 Lecture Urs Eichenberger MD, PhD Head Institute for **Anaesthesia**, and Intensive Care Hirslanden Clinic St Anna ...
Intro
Disclosures
Sorrows of bats
Anatomy nerves to lumbar facet joints (medial branches)
Success rate of ultrasound-guided lumbar facet nerve blocks
Nerve blocks of lumbar facet joints Transducer positions during ultrasound guided blocks

Nerve blocks of lumbar facet joints Longitudinal views during ultrasound guided blocks
Lumbar spine Longitudinal: counting level
Problem with radiofrequency ablation
Lumbar facet joints peri-articular
My practical approach lumbar facets peri-articular
Selective transforaminal nerve root blocks? Sonoanatomy: region of the lumbar foramen
Why not transforaminal by ultrasound
Neuraxial Sonoanatomy - Neuraxial Sonoanatomy by anakayub 53 views 3 years ago 25 minutes -
Facilitated by Dr Manoj Karmakar If you enjoy these videos, do show your support by subscribing to
this channel. Future videos ...
Basics of Spine Imaging
Imaging of the Spine
Anterior Complex
Paramedian Window
The Inter Lamellar Spaces
Spinous Process
Neuraxial Imaging
Epidural Space
Sagittal Scan
Erector Spinae Plane (ESP) Block - Erector Spinae Plane (ESP) Block by Regional Anesthesiology
and Acute Pain Medicine 233,648 views 3 years ago 8 minutes, 5 seconds - In this video, we discuss
the **anatomy**, mechanism, and technique for thoracic and lumbar ESP block, and share some tips
for ...
Intro
Anatomy
Volume
Thoracic
Lumbar
Why ESP
Upper Extremity Nerve Blocks 2020 - (Dr. Bauereis) - Upper Extremity Nerve Blocks 2020 - (Dr.
Bauereis) by University of Kentucky Department of Anesthesiology 76,478 views 3 years ago 41
minutes - Review basic **regional anesthesia**, and peripheral nerve block principles Review brachial
plexus Describe upper extremity nerve ...
Nerve blocks in general
How do we do a block?
Brachial Plexus
Interscalene
Supraclavicular
Infraclavicular
Axillary
Bier Block
Wrist Block
Digital Block
Pointers
Cervical Plexus
Ultrasound-Guided Lumbar Plexus Block - Ultrasound-Guided Lumbar Plexus Block by Regional
Anesthesiology and Acute Pain Medicine 24,258 views 1 year ago 6 minutes, 50 seconds - In
this video, we discuss the **anatomy**, **sonoanatomy**, indications, technique and tips and tricks for
performing lumbar plexus block ...
Anatomy
Branches of the Lumbar Plexus
Image the Lumbar Plexus
Injection Pressure and Speed
Regional Anesthesia - Sonoanatomy I (Upper and Lower Extremities) - Regional Anesthesia -
Sonoanatomy I (Upper and Lower Extremities) by Regional Anesthesia 6,668 views 8 years ago 24
minutes - ISURA 2012 Lecture Bernhard Moriggl MD Professor, FIACA Department of **Anatomy**,
Histology and Embryology Innsbruck ...
Why ANATOMY? ANATOMY: the key!..
Echogenicity ("Intro")

Bone (surfaces)

CUBITAL FOSSA

SCIATIC NERVE

Special FEMORAL NERVE

Infraclavicular Brachial Plexus Block - Infraclavicular Brachial Plexus Block by Regional Anesthesiology and Acute Pain Medicine 58,760 views 2 years ago 6 minutes - In this video we discuss the **anatomy**,, **sonoanatomy**,, indications, and technique for the ultrasound-guided infraclavicular brachial ...

Positioning

Probe & Needle

Indications

Advantages?

Infraclavicular tips

Costoclavicular Brachial Plexus Block - Costoclavicular Brachial Plexus Block by Regional Anesthesiology and Acute Pain Medicine 28,375 views 1 year ago 6 minutes, 33 seconds - In this video we discuss the costoclavicular block, outlining the rationale, **anatomy**,, **sonoanatomy**, as well as some tips and tricks to ...

Clavipectoral Fascial Plane Block - Clavipectoral Fascial Plane Block by Regional Anesthesiology and Acute Pain Medicine 33,981 views 1 year ago 5 minutes, 57 seconds - In this video we discuss the **anatomy**,, **sonoanatomy**, and technique for performing the clavipectoral fascial plane block.

Clavicle innervation?

Clavicle fracture

Two problems

Block both sides

Clavipectoral Tips

Anterior Femoral Cutaneous Nerve Block (The Cuties!) - Anterior Femoral Cutaneous Nerve Block (The Cuties!) by Regional Anesthesiology and Acute Pain Medicine 11,092 views 5 months ago 6 minutes, 51 seconds - In this video, we describe the **anatomy**,, **sonoanatomy**, and technique for blocking the anterior femoral cutaneous nerves, which is ...

Intro

What Blocks Do You Do

Deep Fascia

The Cuties

Bivan

Results

Tips

Compartments

Cases

Superficial cervical plexus block - Superficial cervical plexus block by Regional Anesthesiology and Acute Pain Medicine 72,261 views 2 years ago 7 minutes, 3 seconds - In this video we discuss ultrasound-guided superficial cervical plexus block, including the **anatomy**,, **sonoanatomy**,, indications, ...

Introduction

The cervical plexus

Sensory nerves

Surgical fascia

Deep approach

clavicle surgery

sonogram

Difficult Spinal in Obese Patient- Crash course with Dr. Hadzic - Difficult Spinal in Obese Patient- Crash course with Dr. Hadzic by NYSORA - Education 169,232 views 2 years ago 8 minutes, 26 seconds - 00:46 Factors associated with difficult **spinal**, 02:09 **Spinal**, needles 02:48 **Anatomy**, 03:12 **Anatomy**, of needle insertion 04:31 Steps ...

Factors associated with difficult spinal

Spinal needles

Anatomy

Anatomy of needle insertion

Steps for success in large BMI patients

Summary

Ultrasound guided thoracic paravertebral block - Ultrasound guided thoracic paravertebral block by Regional Anesthesiology and Acute Pain Medicine 82,955 views 2 years ago 9 minutes, 37 seconds - In this video, we discuss the **anatomy**,, **sonoanatomy**,, rationale and technique for ultrasound guided thoracic paravertebral ...

Introduction

Anatomy

Local anaesthetic

Pvb

Block

Mayo Clinic Regional Anesthesiology and Pain Medicine - Mayo Clinic Regional Anesthesiology and Pain Medicine by Mayo Clinic 1,391 views 2 months ago 5 minutes, 59 seconds - The one-year **Regional Anesthesiology**, and **Pain Medicine**, Fellowship at Mayo Clinic Rochester in Rochester, Minnesota, is an ...

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