

Blockadtekniker för snabbare återhämtning

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EDRA



Blockadtekniker för snabbare återhämtning?

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Guidelines

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Enhanced Recovery After Surgery (ERAS) for gastrointestinal surgery, part 2: consensus statement for anaesthesia practice

A. Feldheiser¹, O. Aziz², G. Baldini³, B. P. B. W. Cox⁴, K. C. H. Fearon⁵, L. S. Feldman⁶, T. J. Gan⁷, R. H. Kennedy⁸, O. Ljungqvist⁹, D. N. Lobo¹⁰, T. Miller⁷, F. F. Radtke¹, T. Ruiz Garces¹¹, T. Schricker¹², M. J. Scott¹³, J. K. Thacker¹⁴, L. M. Ytrebø¹⁵ and F. Carli³

Acta Anaesthesiologica Scandinavica **60** (2016) 289–334

Vad är TAP-blockad?

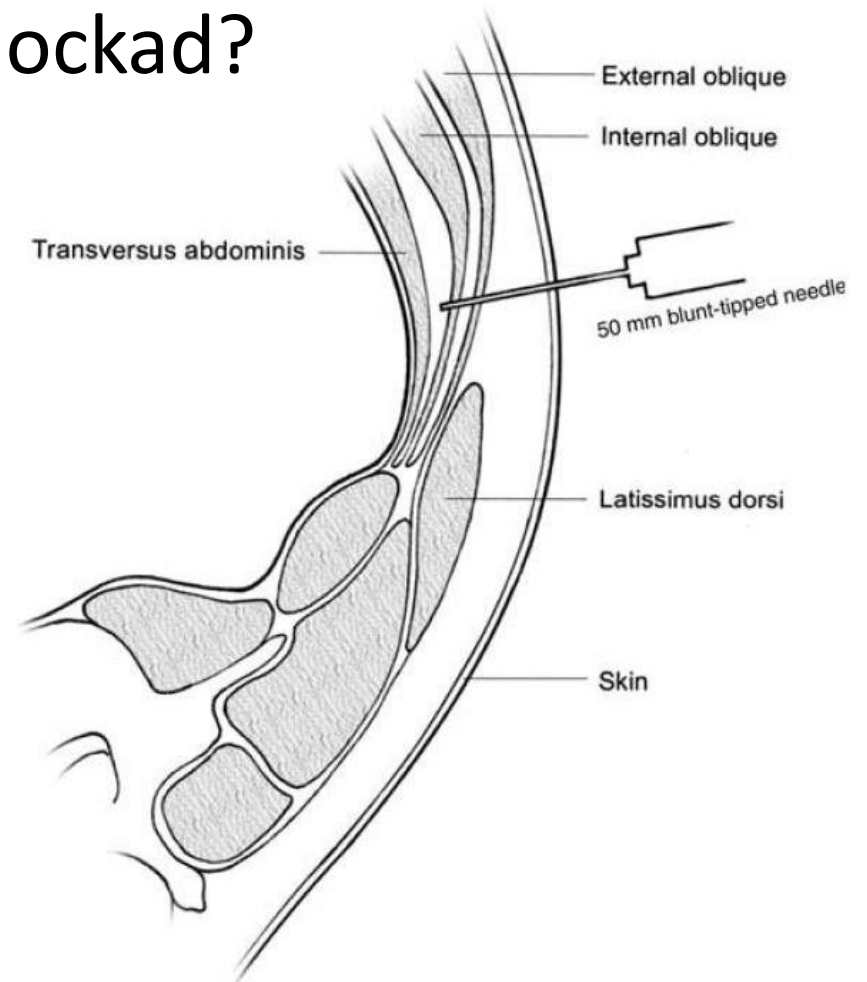
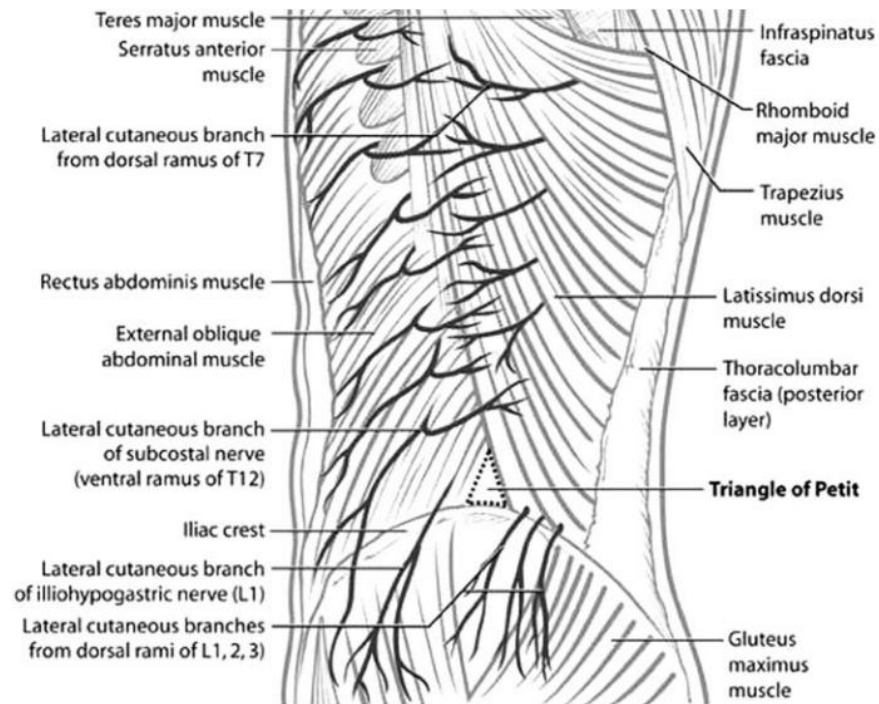
REVIEW ARTICLE

Enhanced Recovery After Surgery (ERAS) for gastrointestinal surgery, part 2: consensus statement for anaesthesia practice

A. Feldheiser¹, O. Aziz², G. Baldini³, B. P. B. W. Cox⁴, K. C. H. Fearon⁵, L. S. Feldman⁶, T. J. Gan⁷, R. H. Kennedy⁸, O. Ljungqvist⁹, D. N. Lobo¹⁰, T. Miller⁷, F. F. Radtke¹, T. Ruiz Garces¹¹, T. Schricker¹², M. J. Scott¹³, J. K. Thacker¹⁴, L. M. Ytrebø¹⁵ and F. Carli³

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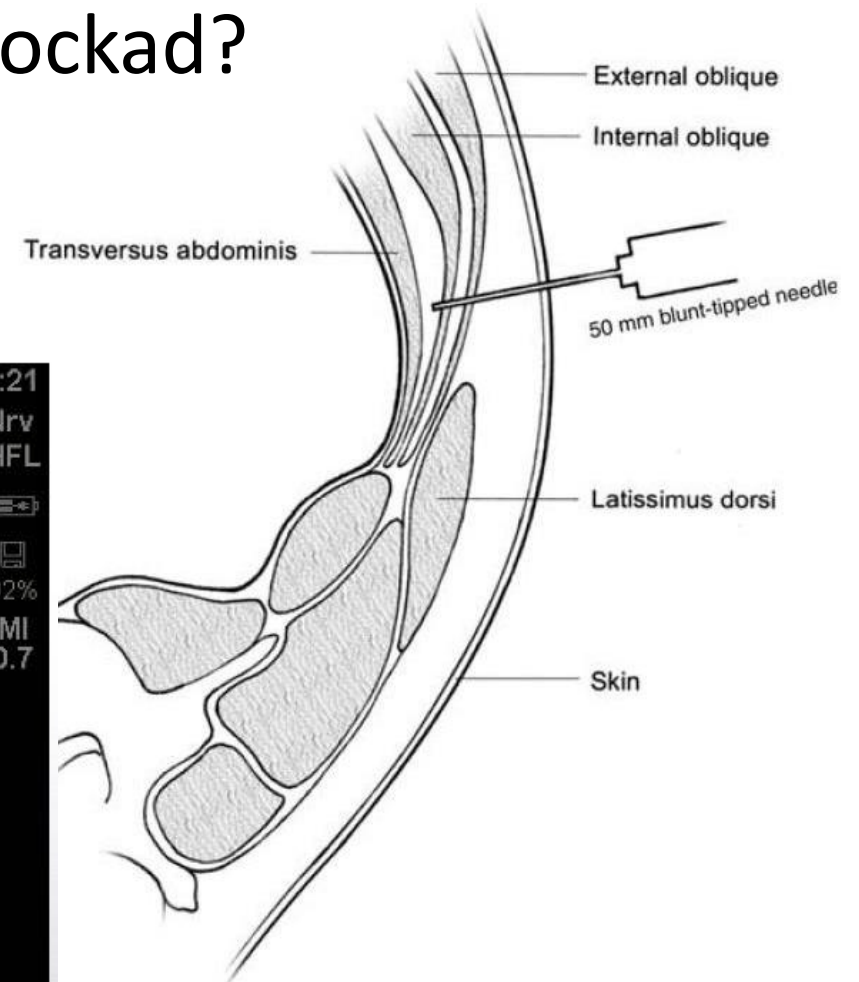
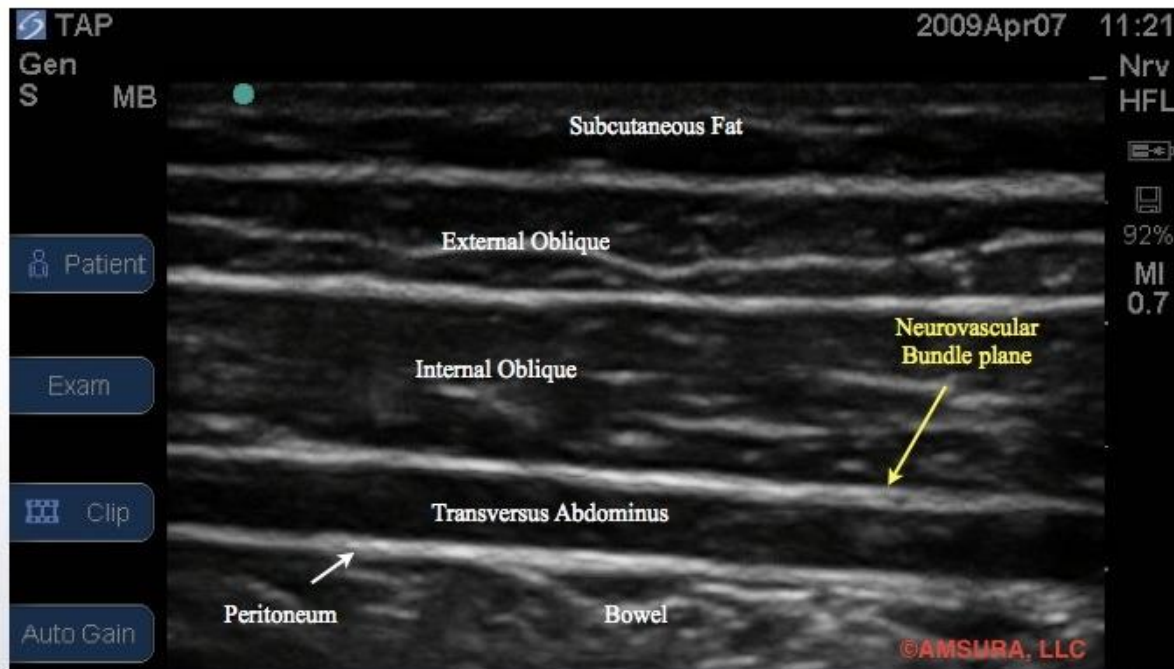
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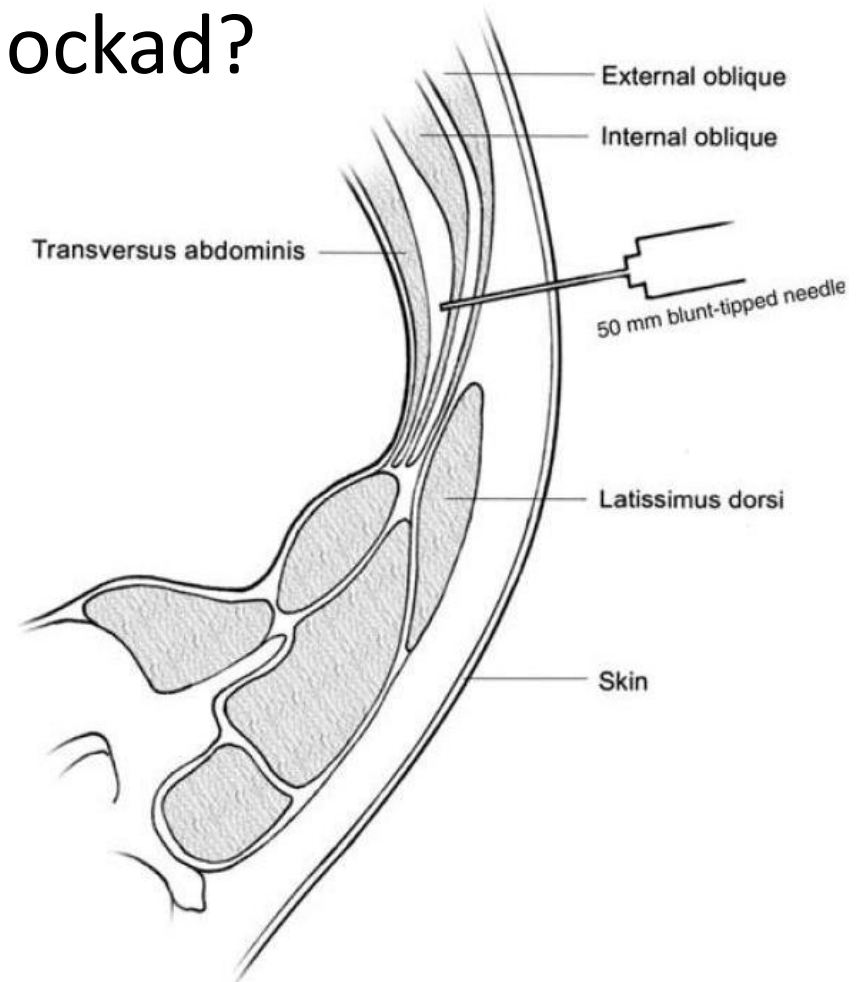
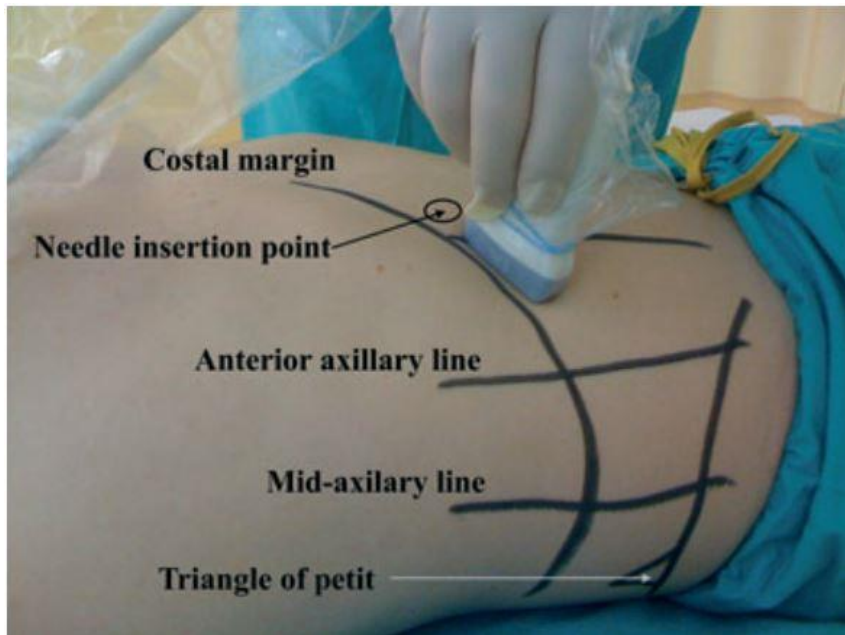
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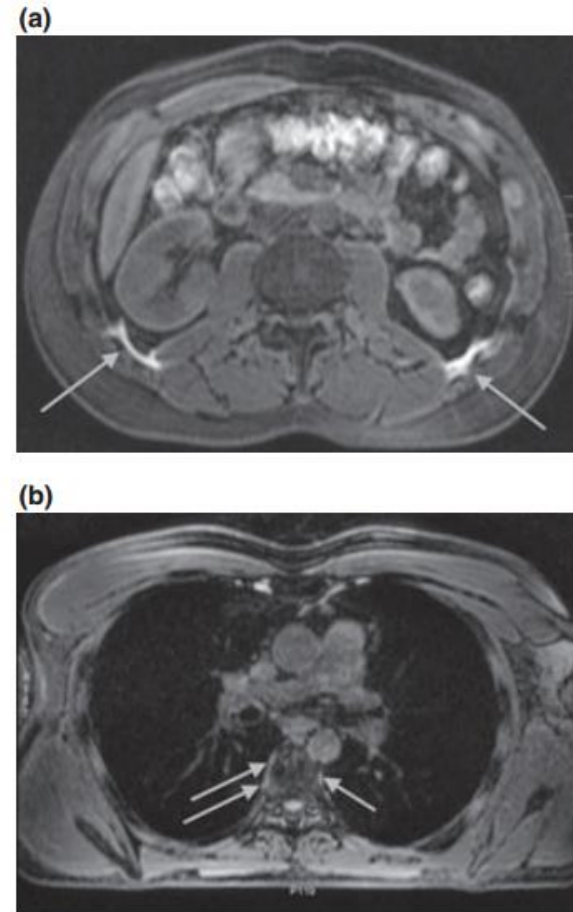
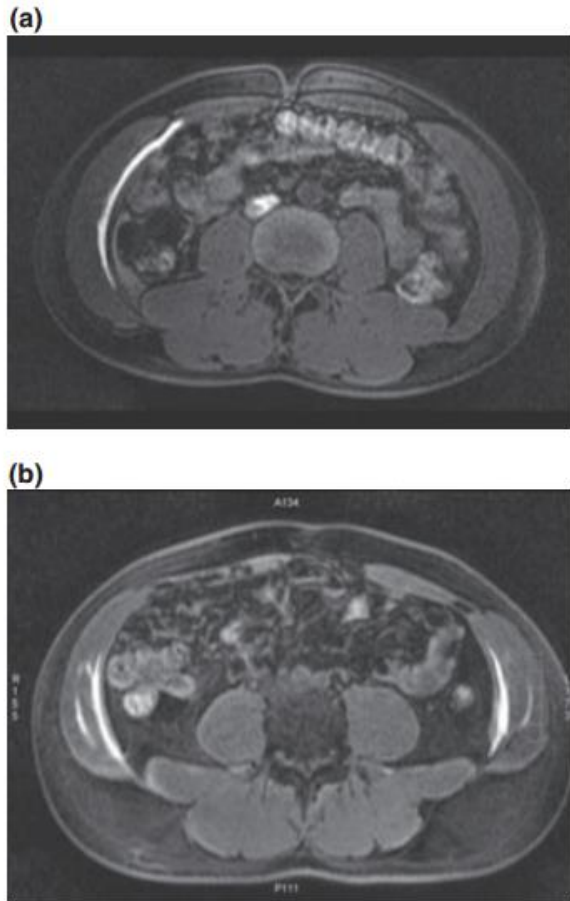


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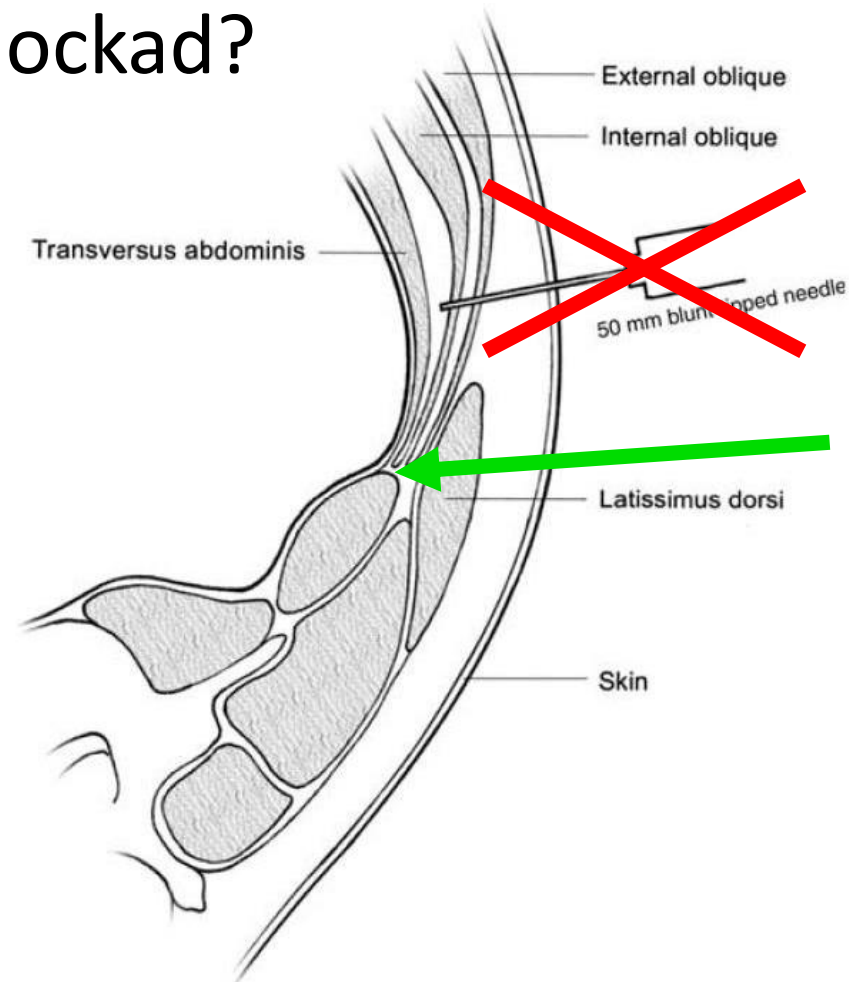
Anaesthesia, 2011, **66**, pages 1023–1030

Vad är TAP-blockad?

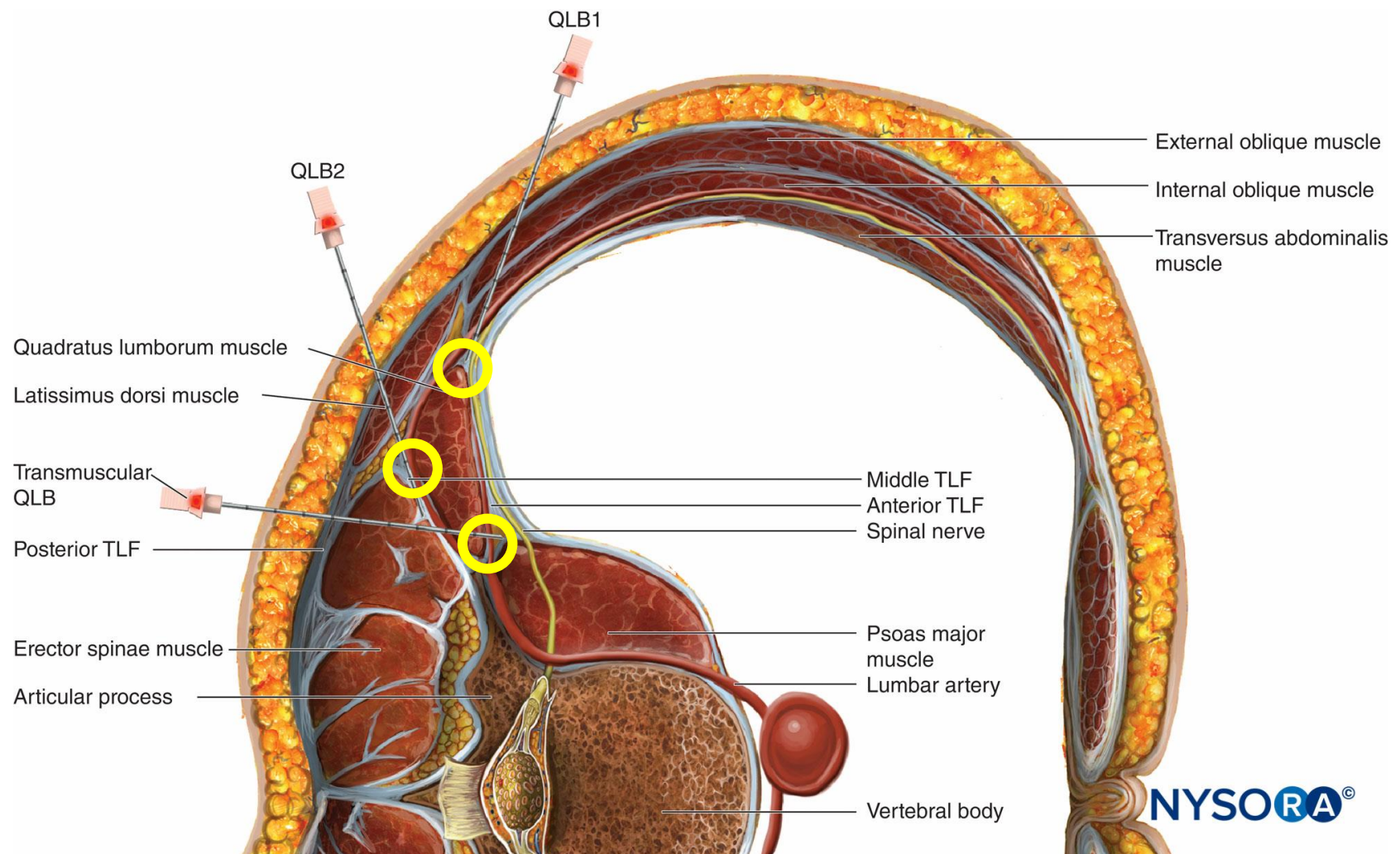


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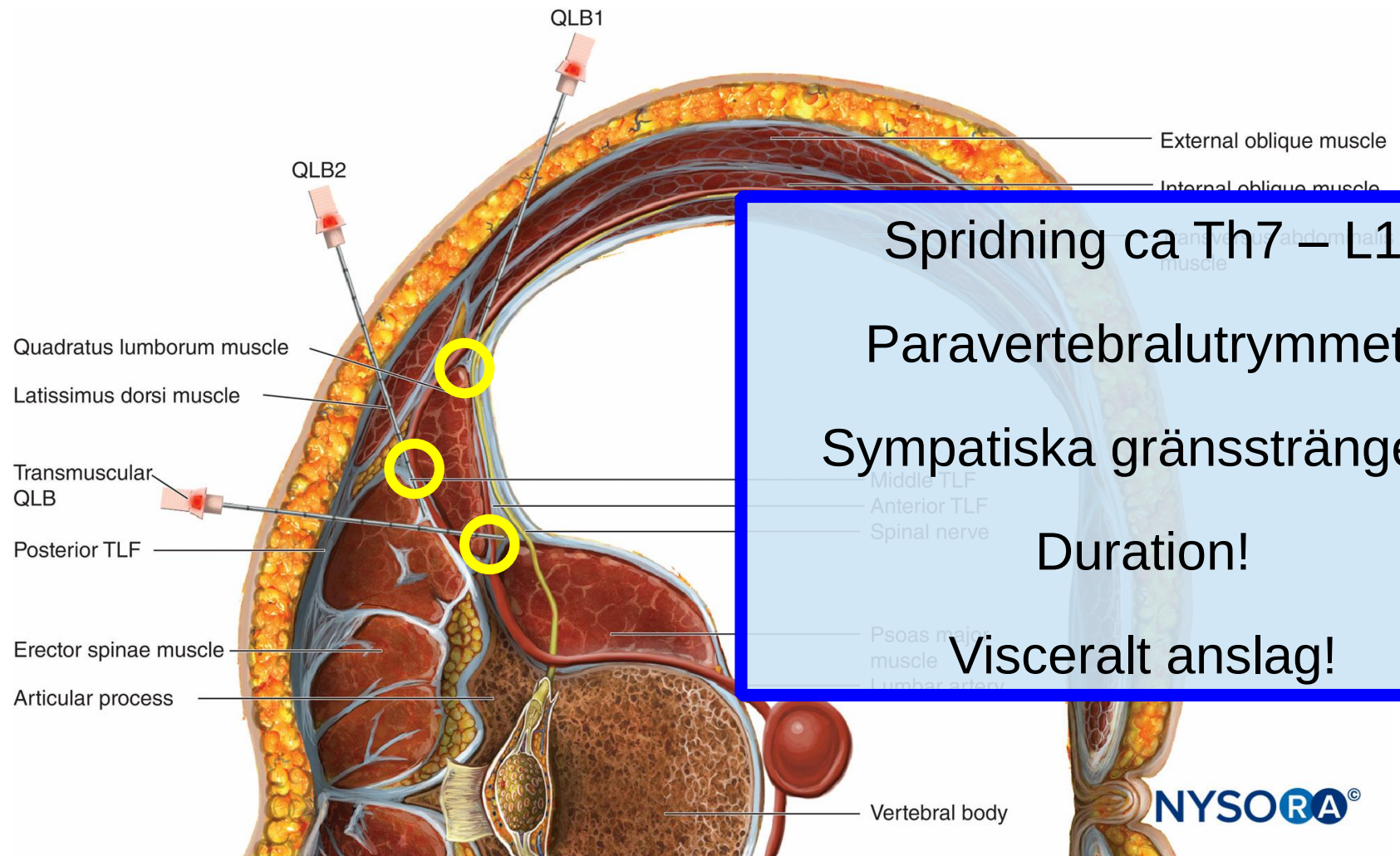
Vad är TAP-blockad?



TAP => Quadratus Lumborum-blockad



Quadratus Lumborum-blockad



RESEARCH ARTICLE

Open Access

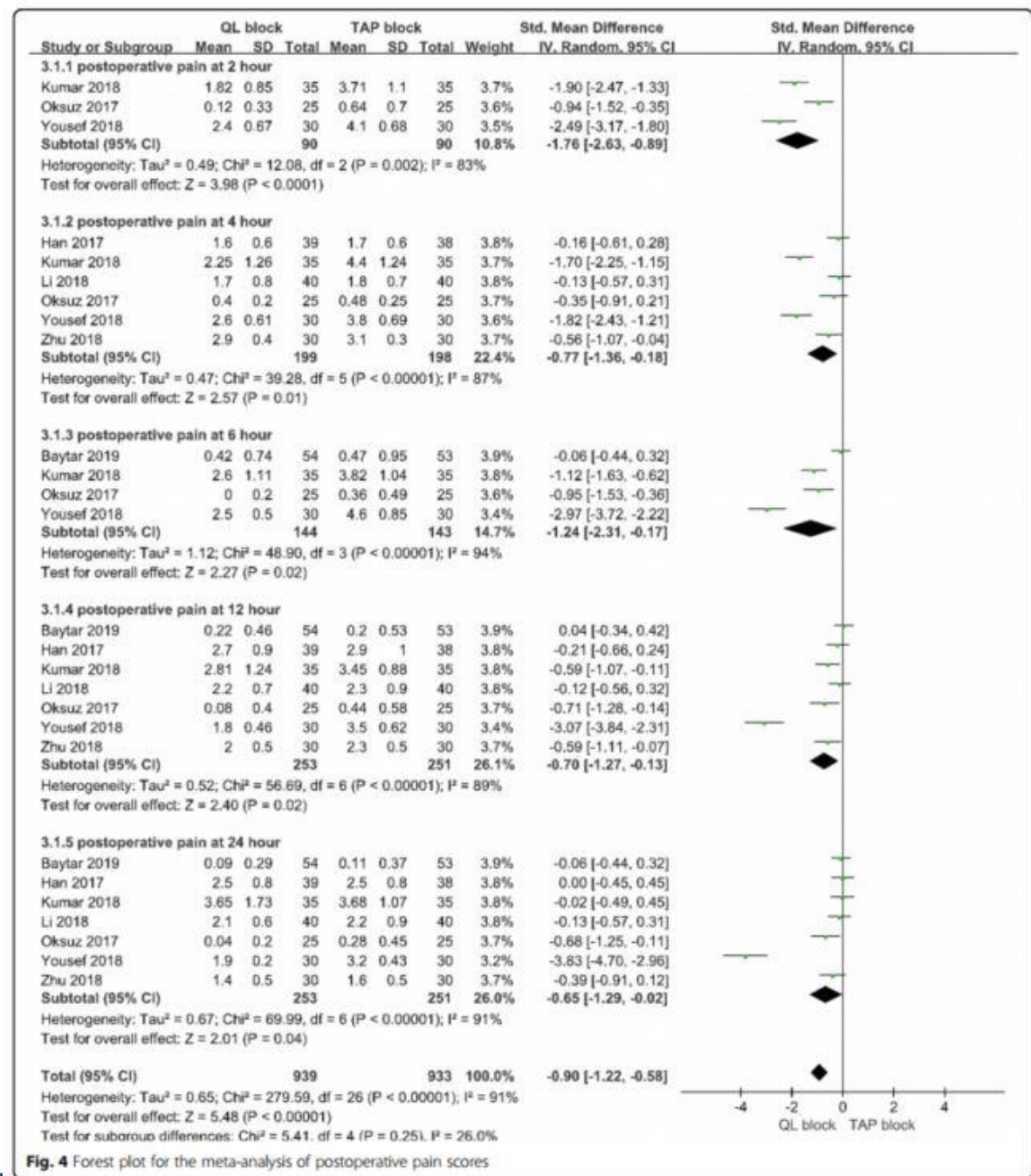


Quadratus lumborum block versus transversus abdominis plane block for postoperative analgesia in patients undergoing abdominal surgeries: a systematic review and meta-analysis of randomized controlled trials

Xiancun Liu¹, Tingting Song¹, Xuejiao Chen², Jingjing Zhang¹, Conghui Shan¹, Liangying Chang¹ and Haiyang Xu^{1*}

Results: A total of 8 RCTs involving 564 patients were included.

Smärtscore



Morfinbehov

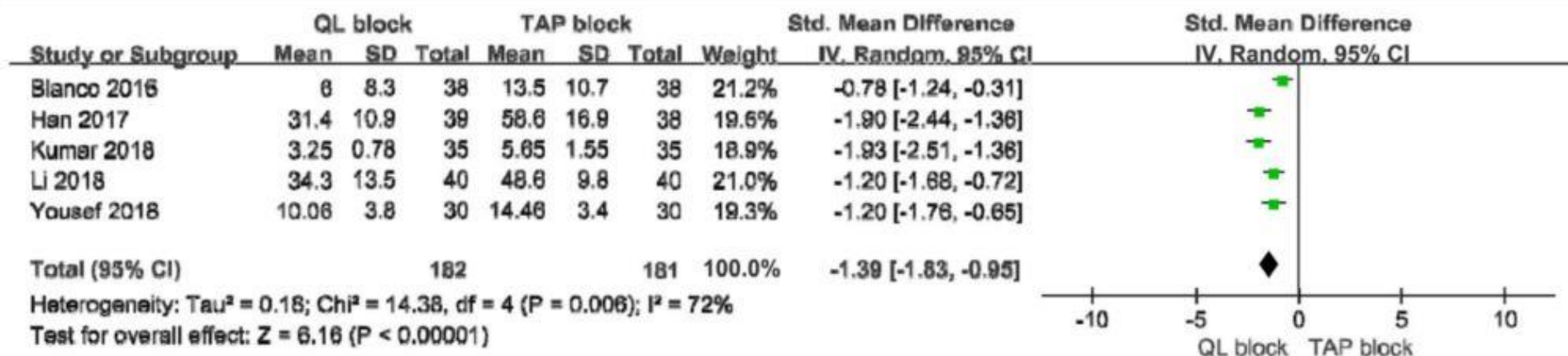


Fig. 5 Forest plot for the meta-analysis of postoperative morphine consumption at 24 h

QLB – sammanfattat

Bättre än ultraljudsledd TAP

Ca Th7-L1 - 'ensidig EDA'

Liknar paravertebralblockad, men säkrare?

Alternativ (andrahands?) till

EDA

intratekalt morfin

Mindre blödningsrisker – beror på vilken QLB

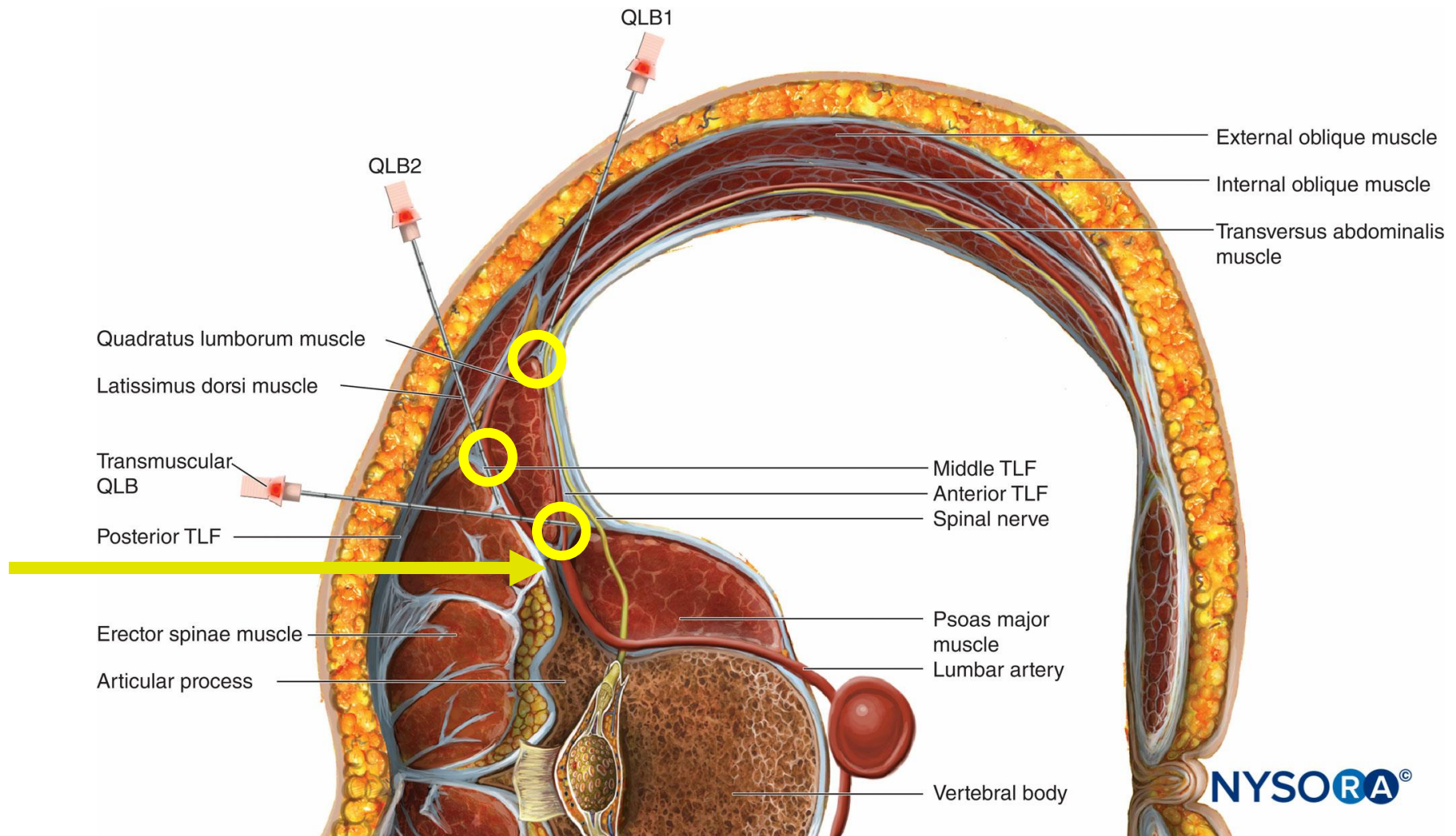
Ingen blåspåverkan

Motorblockad???

Större krav på ultraljudskompetens än TAP!!!

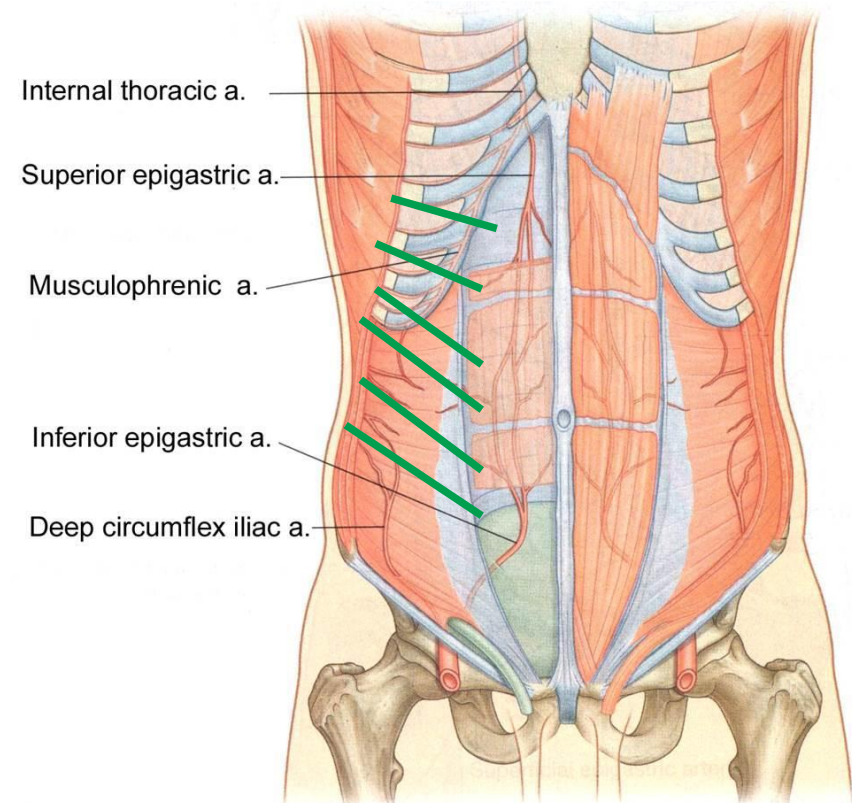
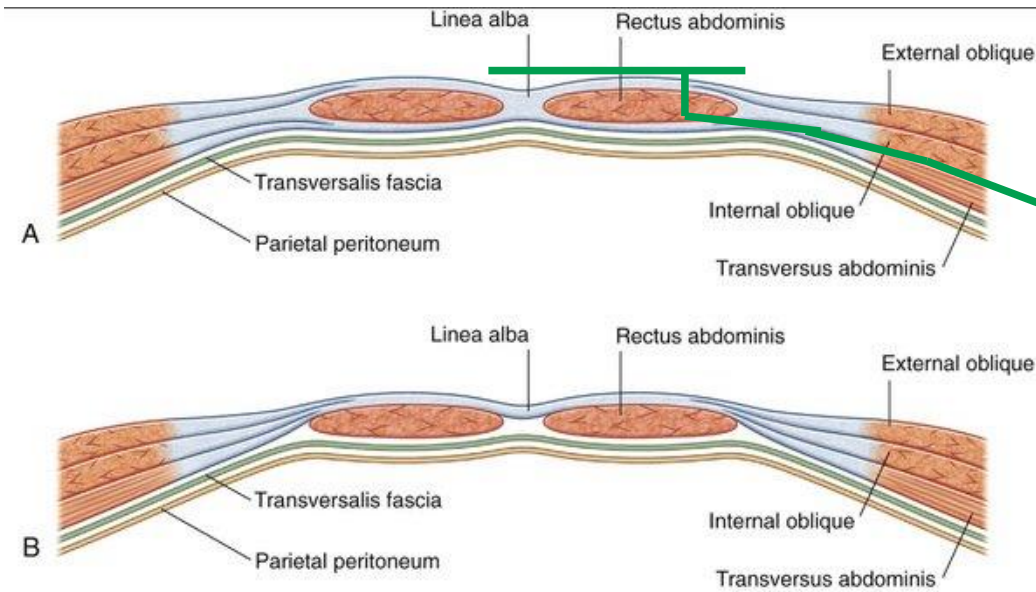
Risker??

Erector Spinae Plane-blockad?



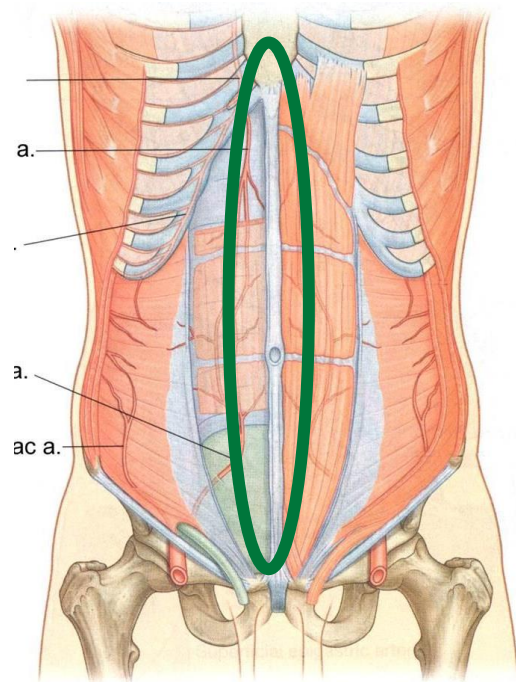
Rektusblockad – paraumbilikalblockad

Rektusblockad – anatomi

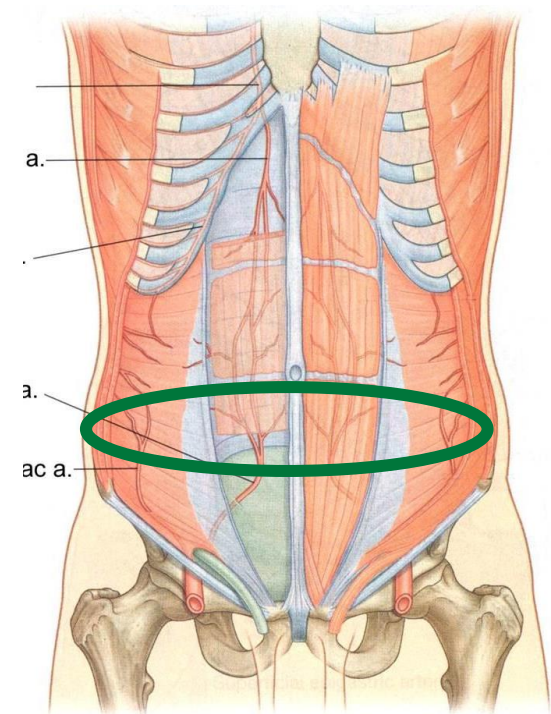


Rectus jämfört TAP

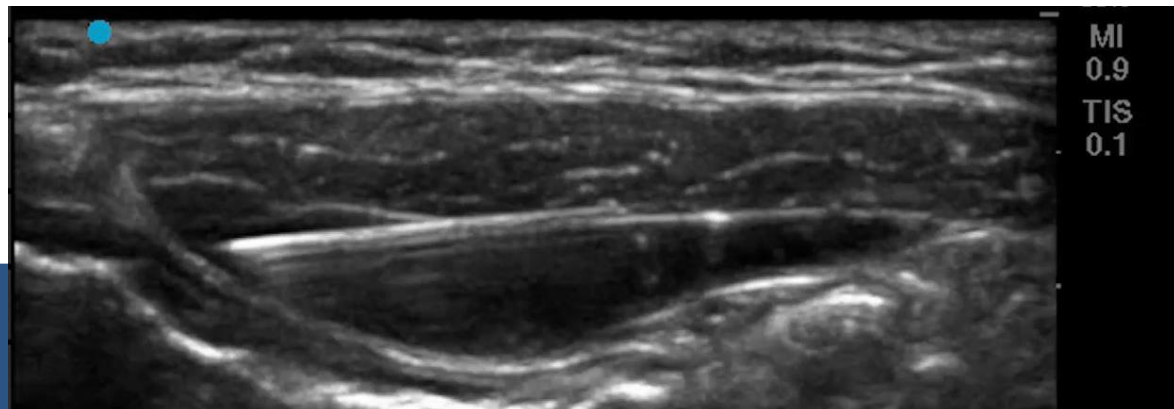
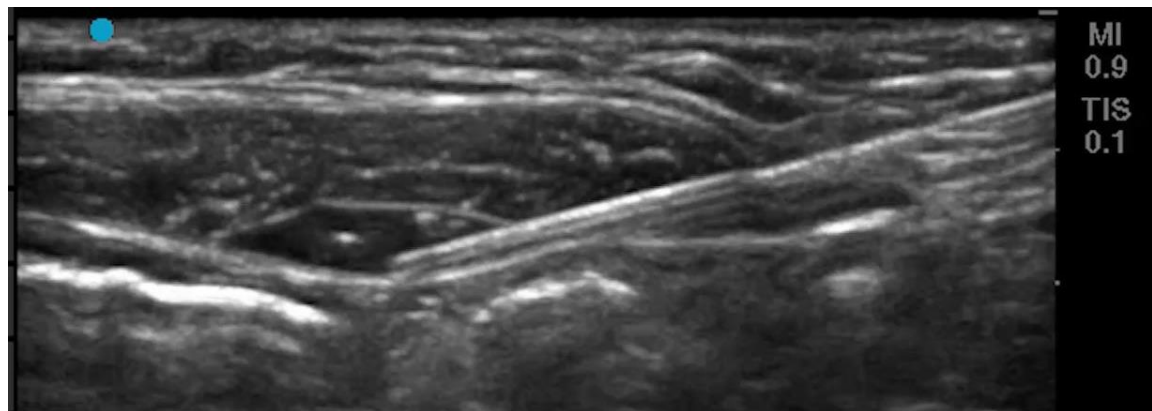
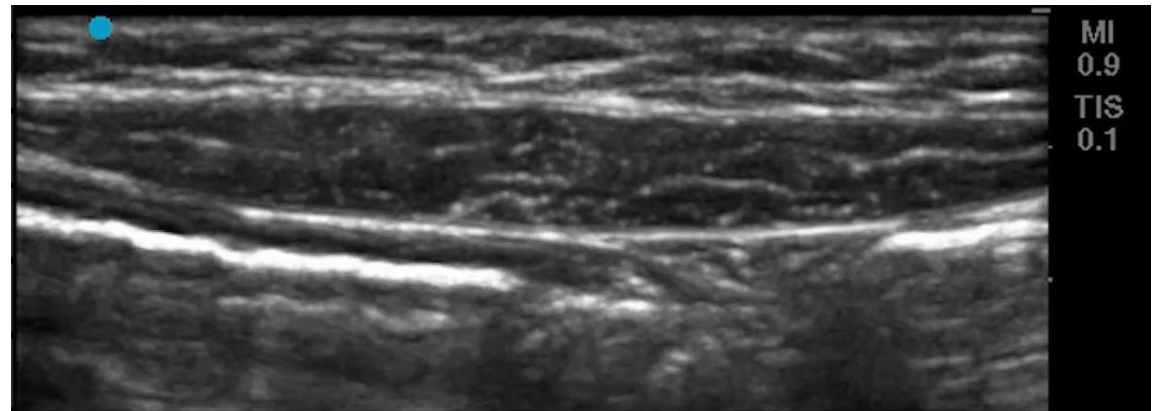
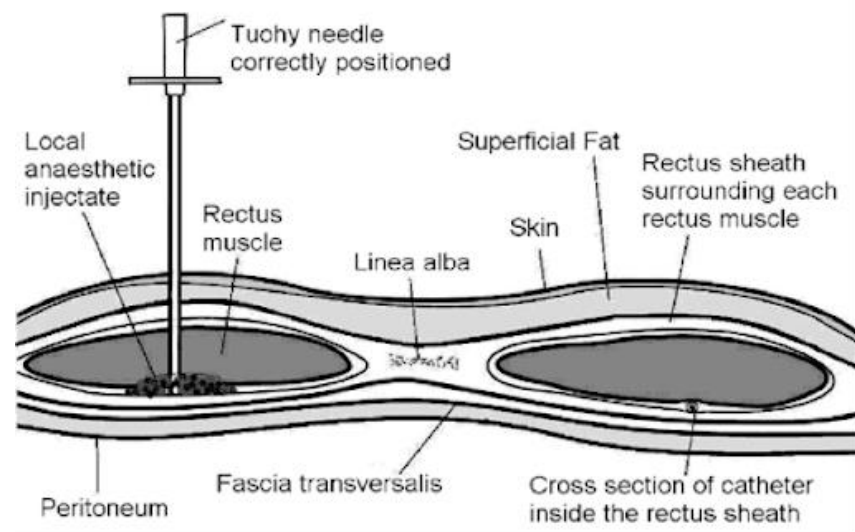
Rectus



TAP



Rectus abdominis block = paraumbilical block



Rectus – indikationer

Alla ingrepp i/nära medellinjen

PEG

Navelbråck

Om EDA hade varit rimlig men är kontraindicerad

Vid konvertering från laparoskopi till laparatomi?

Med kvarliggande katetrar?

Ortopediskt?

Pericapsular Nerve Group (PENG) Block for Hip Fracture

Laura Girón-Arango, MD,† Philip W.H. Peng, MBBS, FRCPC, Founder (Pain Med),*†
Ki Jinn Chin, MBBS, MMed, FANZCA, FAMS, FRCPC,*†
Richard Brull, MD, FRCPC,* and Anahi Perlas, MD, FRCPC*†*

Regional Anesthesia and Pain Medicine • Volume 43, Number 8, November 2018

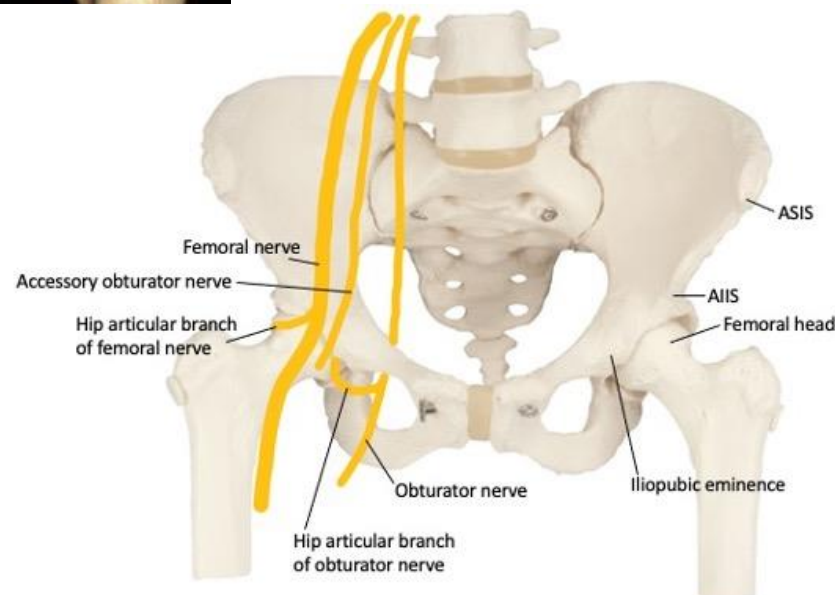
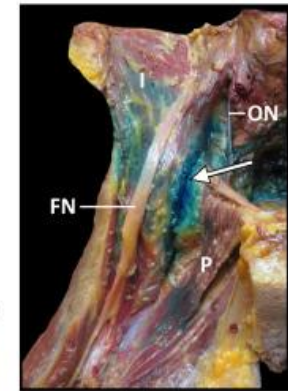
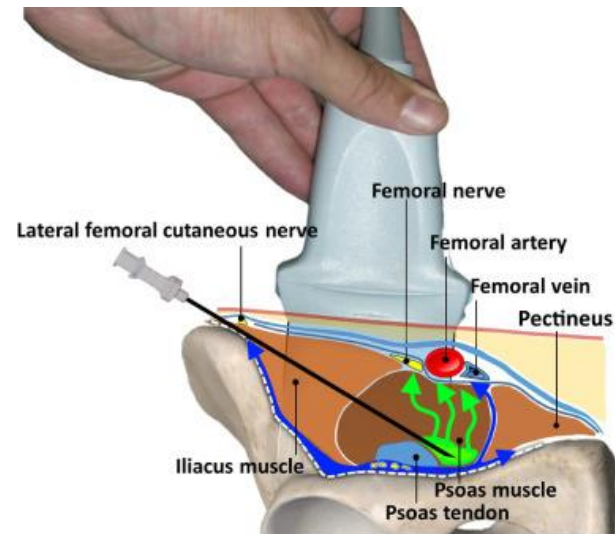
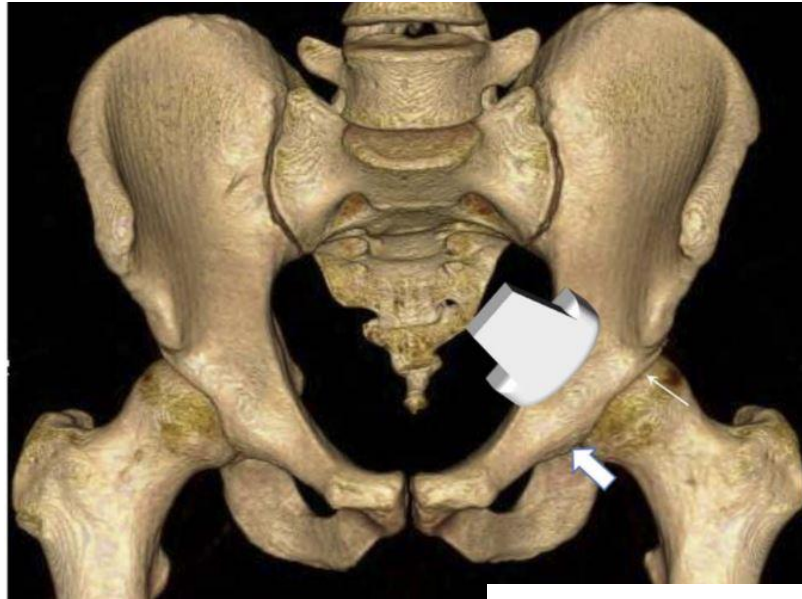


Image A: Innervation and anatomical landmarks of the anterior aspect of the hip joint

PENG-block

Höftledkapseln!

Tidigt avgående grenar!

Ingen motorblockad

Studier???

PENG-block

Höftledkapseln!

Tidigt avgående grenar!

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Studier???

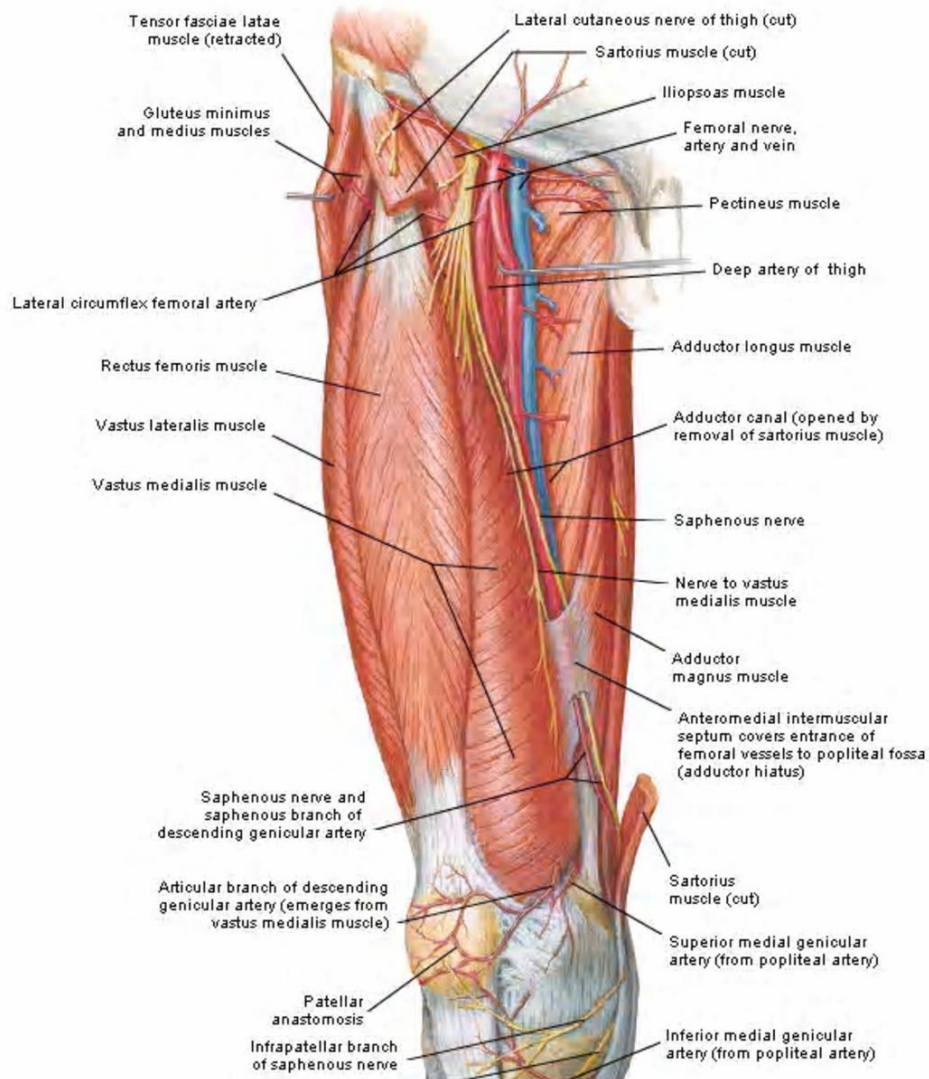
Första artikeln
2018

November 2021:
70 träffar på PubMed

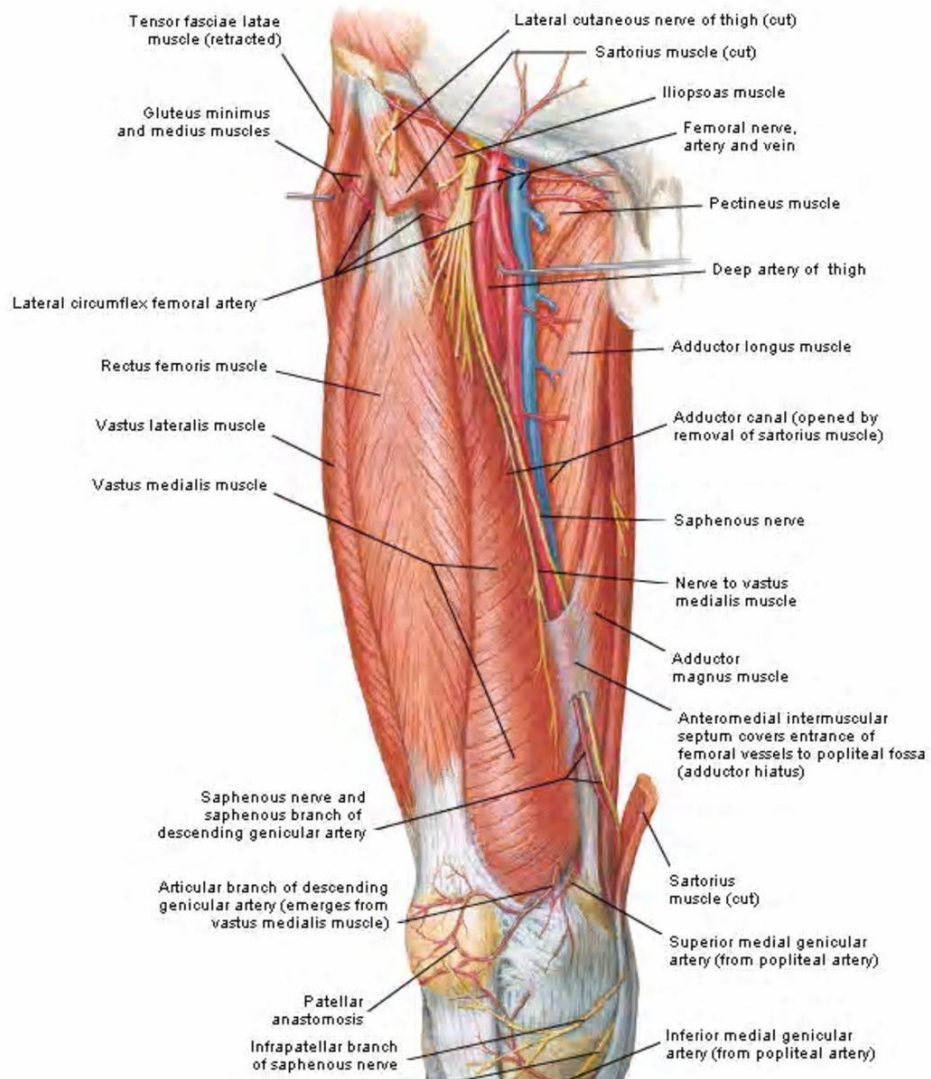
Adduktorkanalblockad (AKB)

Bedöva knäleden, bevara
quadricepsfunktion

=> fossa poplitea? Dorsal innervation?



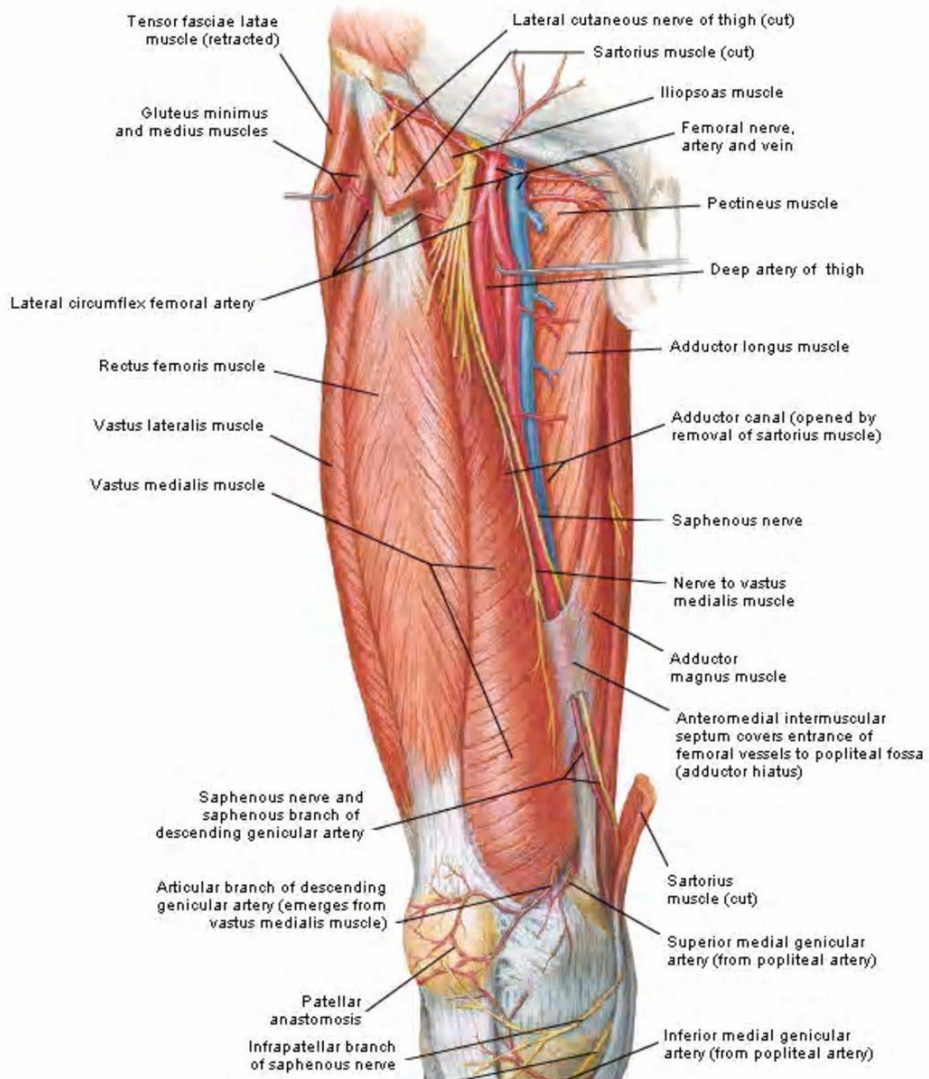
Adduktorkanalblockad (AKB)



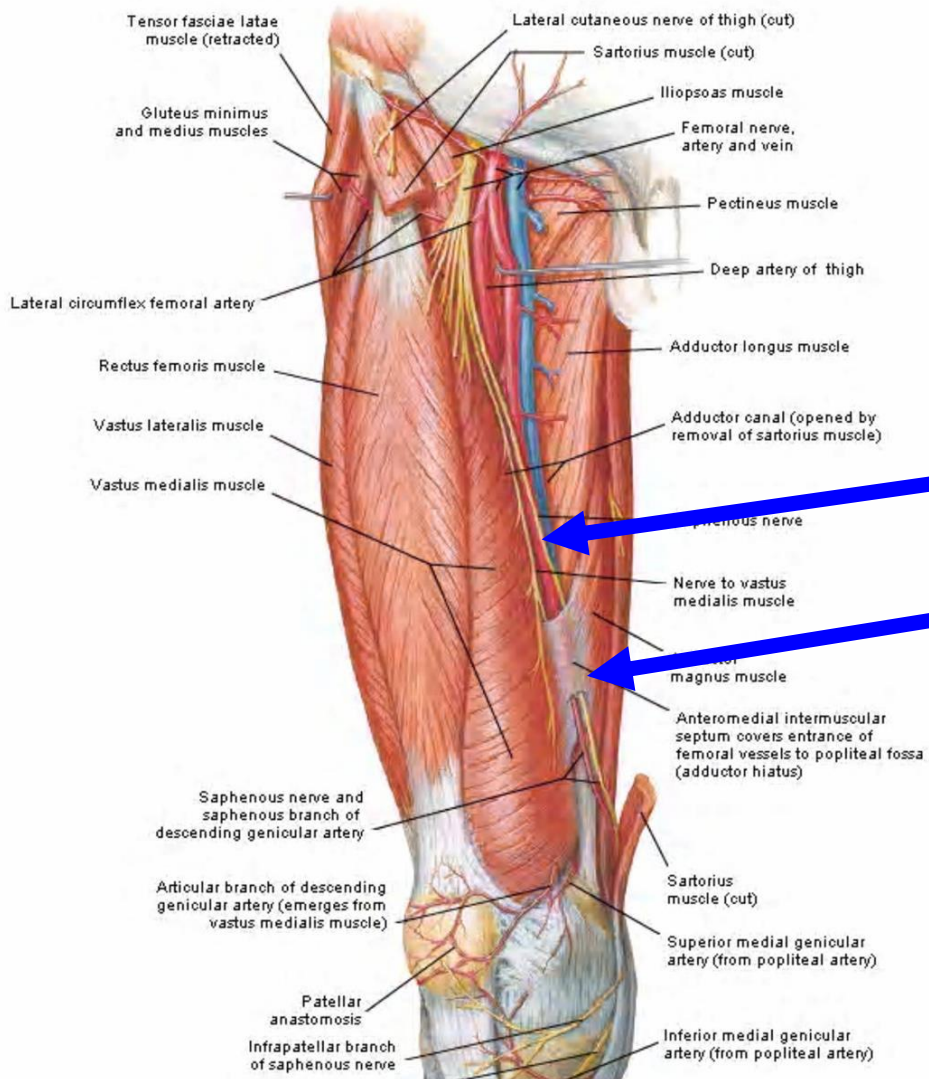
Hur har AKB definierats i studierna????

Adduktorkanalblockad (AKB)

Gren till vastus medialis!!!



Adduktorkanalblockad (AKB)

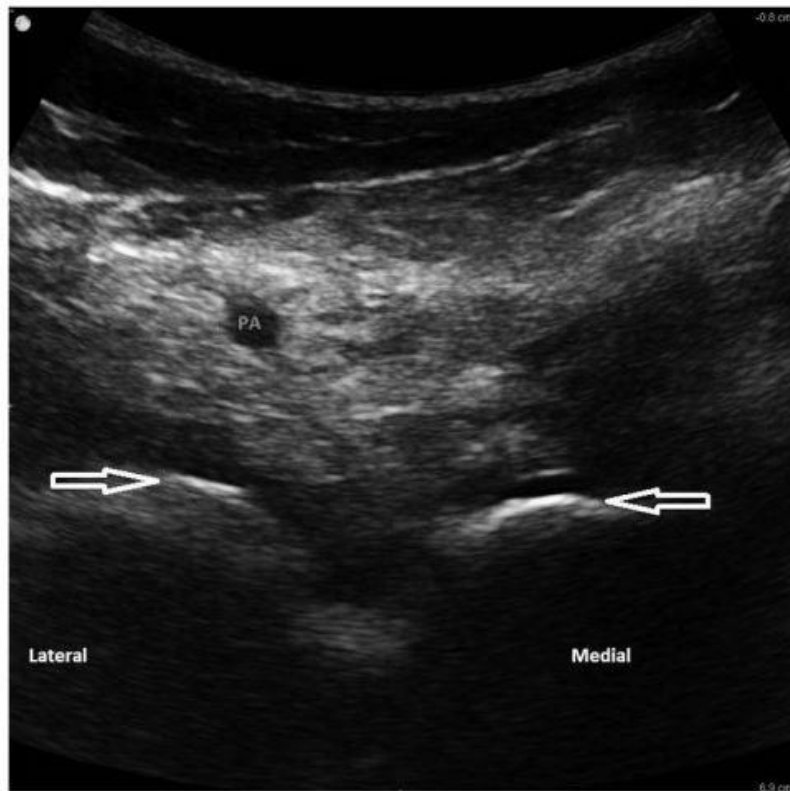


2 blockader?

'Femoral triangle'

AKB

Infiltration between the Popliteal Artery and the Capsule of the Knee = IPACK



Frågor??