Femoral triangle block plus iPACK block versus local infiltration analgesia for anterior cruciate ligament reconstruction: an infographic

Eric S Schwenk [1]
Rajnish K Gupta [2]

ABSTRACT

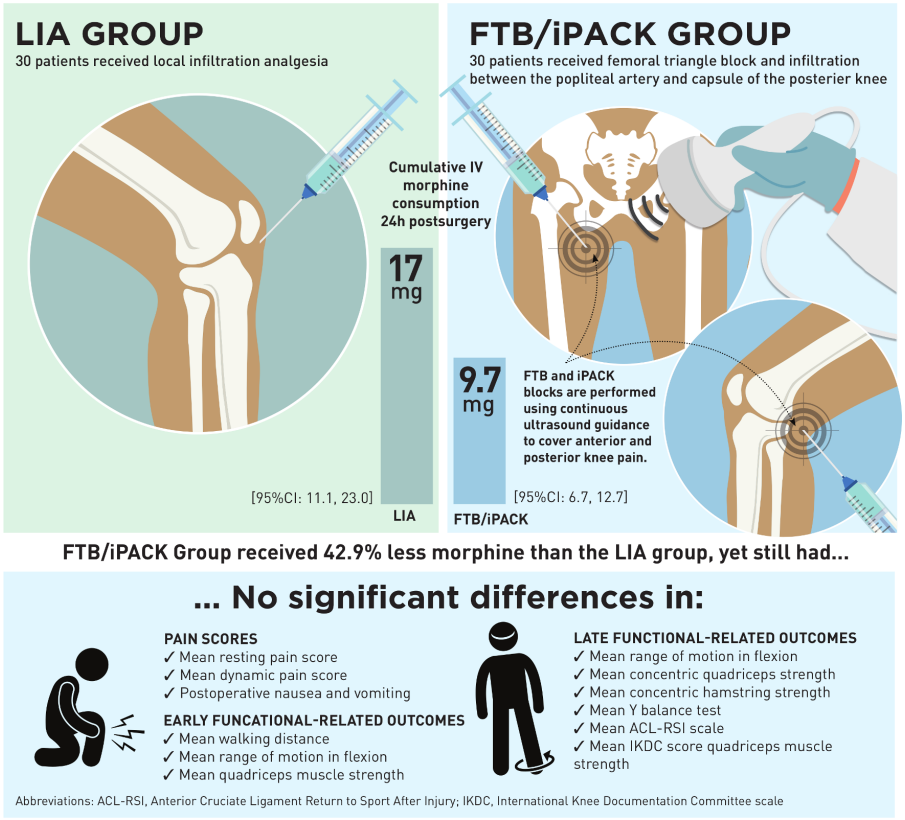
Anterior cruciate ligament reconstruction can be painful, and both the femoral triangle block and local infiltration analgesia have been shown to provide effective analgesia after this surgery. A relatively new block, the iPACK (infiltration between the popliteal artery and the capsule of the knee), has been reported to provide posterior knee analgesia. In this triple-blinded, randomized controlled trial of 60 patients, the combination of femoral triangle block and iPACK block reduced opioid consumption for 24 hours postoperatively compared with local infiltration analgesia.[1] However, other pain and functional outcomes were the same in both groups.

[1]Anesthesiology, Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, Pennsylvania, USA
[2]Anesthesiology, Vanderbilt University Medical Center, Nashville, Tennessee, USA

Correspondence to Dr Eric S Schwenk, Anesthesiology, Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA 19107, USA; prepdrum@gmail.com

Twitter Eric S Schwenk @ESchwenkMD and Rajnish K Gupta @dr_rajgupta

Acknowledgements We would like to acknowledge Jim Snively, artist, of Pittsburgh, Pennsylvania, for creation of this infographic.



Collaborators Jim Snively.

Contributors Both authors edited the infographic and approved the final manuscript.

Funding The authors have not declared a specific grant for this research from any funding agency in the public, commercial, or not-for-profit sectors.

Competing interests None declared.

Patient consent for publication Not required.

Provenance and peer review Commissioned; internally peer reviewed.

© American Society of Regional Anesthesia & Pain Medicine 2022. No commercial re-use. See rights and permissions. Published by BMJ.

Check for updates

To cite Schwenk ES, Gupta RK. *Reg Anesth Pain Med* 2022;**47**:64.

Received 8 June 2021

Accepted 9 June 2021
Published Online First 18 June 2021

Linked

► http://dx.doi.org/10.1136/rapm-2021-102631

Reg Anesth Pain Med 2022;**47**:64.
doi:10.1136/rapm-2021-102942

ORCID iDs
Eric S Schwenk http://orcid.org/0000-0003-3464-4149
Rajnish K Gupta http://orcid.org/0000-0003-3401-4737

REFERENCE

1 Martin R, Kirkham KR, Ngo THN, *et al*. Combination of femoral triangle block and infiltration between the popliteal artery and the capsule of the posterior knee (iPACK) versus local infiltration analgesia for analgesia after anterior cruciate ligament reconstruction: a randomized controlled triple-blinded trial. *Reg Anesth Pain Med* 2021;46:763–8.

Reg Anesth Pain Med: first published as 10.1136/rapm-2021-102942 on 18 June 2021. Downloaded from http://rapm.bmj.com/ on April 28, 2024 by guest. Protected by copyright.