# Direct Laparoscopic Approach of Transversus abdominis plane block: New innovation

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Review Article

## Abstract

The transverse abdominis plane (TAP) block is a peripheral nerve block designed to anesthetize the nerves supplying the anterior abdominal wall (T6 to L1). It was first described in 2001 by Rafi as a traditional blind landmark technique using the lumbar triangle of Petit[1]. The initial technique described the lumbar triangle of Petit as the landmark used to access the TAP in order to facilitate the deposition of local anaesthetic solution in the neurovascular plane. Other techniques include ultrasound-guided access to the neurovascular plane via the mid-axillary line between the iliac crest and the costal margin, Open transversus abdominis plane block, and a subcostal access termed the 'oblique subcostal' access.

OBJECTIVES:

New technique review aiming to describe the technique of direct laparoscopic technique in transverse abdominal plan blockade for different surgical interventions

METHODS:

Detailed review of TAP blockad starting from relevant anatomy, brief description of old TAP blockade techniques. Details of Direct Laparoscopic TAP blockade, with description of complications, technical difficulties, results and expectations

CONCLUSIONS:

Direct laparoscopic transverse abdominal plan blockades is simple procedure, with high quality efficacy, can be used routinely in most of laparoscopic surgery procedures of the abdomen and pelvis

**Biography**

Dr. Ali Hasan has completed his doctorate in medicine from Tishreen University, Syria in 1998, and had postgraduate study in general surgery from Ministry of health in 2003. At 25 years had training in cardiac surgery, acute surgery in heart institute in Syria. worked in many international institute like UNHCR. He had MIS in laparoscopic surgery, and his main surgical field was in

laparoscopic abdominal surgery. He is also pioneer in healthcare management started from head of emergency department, to Chief medical officer of Saudi German hospital 2017

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