

## **ADVANTAGE OF PERCUTANEOUS SCREW FIX IN BILATERAL VERTICAL SHEAR : RARE INJURY PATTERN**

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**Introduction:** Bilateral vertical shear is very rare and accounted for less than 1% of all fractures. The definitive management for this type of fractures is very controversial with paucity of literature which recommend ideal type of fixation.

**Discussion:** A 30 years old malay male presented to casualty following motorvehicle accident. Initial resuscitation was done since he was haemodynamically unstable at that time. Plain radiograph shows possibilities of bilateral vertical shear hence proceeded with ct scan pelvis which shows bilateral SIJ dislocation with fracture over right ilium and left superior inferior pubic rami (vertical shear Tile C). He underwent cannulated screw fixation for bilateral SIJ and left superior pubic rami. For this case which is vertical shear Tile C, operative intervention is preferable since it is very unstable injury. We choose for percutaneous screw fix since patient is still young and we aimed for early ambulation. Small step incision made for multiple percutaneous screw fixation. Small wounds allow the patient to wheelchair ambulate early due to less post operative pain and he was able to be discharged home day 3 post operation

**Conclusion:** Percutaneous screw fix is preferable for this case as it reduce the time for wound healing and aim for early ambulation.