Research & Reviews: Orthopedics

# Classification of Pelvic Fractures and its Risk Factors

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Commentary

**Received:** 07-Sep-2022, Manuscript No. orthopedics-22-77162; **Editor assigned:** 14-Sep-2022, Pre QC No. orthopedics-22-77162 (PQ); **Reviewed:** 28-Sep-2022, QC No. orthopedics-22-77162; **Revised:** 05-Oct-2022, Manuscript No. orthopedics-22-77162 (R); **Published:** 12-Oct-2022, DOI: 10.4172/orthopedics.5.S2.003

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## DESCRIPTION

A pelvic fracture is a tear in the muscular framework of the pelvis. Any fractures to the spine, ischium, pubis, or sacrum fall under this category. One of the symptoms is pain, particularly while moving. Internal bleeding, bladder damage, and vaginal damage are all potential side effects. Accidental falls, automotive accidents, pedestrian collisions, and direct serious injuries are common causes, younger people frequently require substantial trauma. Additional classifications for unstable fractures include anterior-posterior compression, lateral compression, vertical shear, and combined mechanism fractures. The physical examination and symptoms help to make a diagnosis, which is subsequently verified by X-rays or a CT scan. If a person is awake and conscious, no medical examination is necessary.

Emergency care is usually followed by advanced trauma life support. First thing is to stop the bleeding and restore lost fluids. Two more alternatives are angiographic embolization and preperitoneal packing. Following stabilisation, pelvic reconstructive surgery can be required.

A closed fracture is one that doesn't result in the surrounding skin rupturing. If a broken bone goes through the skin, it is referred to as having an open fracture or complex fracture. In addition to the precise pattern, a pelvic fracture can be classified as stable or unstable. When there is normally a break in the pelvis and no displacement of the broken bones, the fracture is considered stable. Most stable fractures in the pelvis are the consequence of low-impact trauma, such as a brief fall or running.

The broken ends of the bones usually dislocate in such an unstable pelvic fracture, and there are frequently two or more breaks. The majority of the time, unstable pelvic fractures is the result of high-impact occurrences like a road accident. A different type of pelvic fracture is an avulsion fracture, however they are less common. A tendon or ligament that is connected to a bone pulls it away from, taking a small portion of the bone with it.

Pelvic fractures are typically caused by high-impact events like a car accident or a significant fall. High-impact incidents are frequently the cause of unstable pelvic fractures. Pelvic fractures can become more common as a result of osteoporosis and other conditions that weaken bones. Suffering from a bone-thinning condition, regular activity or even a minor fall could cause a pelvic fracture. Pelvic fractures, which are often stable fractures, can be caused by diseases that weaken the bones.

Although they are less common, pelvic avulsion fractures can happen when playing sports. This happens when a ligament or tendon separates from the bone to which it is attached. When the tendon or ligament tears along with it bone loss also occurs. A pelvic avulsion fracture is often stable.

As people age, their bones become weaker and more fragile, which increases the possibility of breaking. Specific safety measures are needed to lower the prevalence of pelvic fractures. The most serious injury is one caused by a high energy incident, such as a vehicle accident, bicycle accident, or falling from a tall building. This can be highly dangerous because the pelvis supports a number of internal organs and has the ability to injure them. Falling is one of the most common reasons for pelvic fractures