

Compression

Fracture In Back

Immediate surgery is not necessarily required. Occasionally people may go home and follow up for surgery in the next few days. A number of surgical techniques may be used including maxillomandibular fixation and open reduction internal fixation (ORIF). People are often put on antibiotics such as penicillin for a brief period of time. The evidence to support this practice, however... 852c95a392 The thoracic spine begins at the base of the neck and extends to the middle of the trunk. Any pain in this area is considered "middle back pain". 852c95a392 The fracture may be preventable by using wrist guards during certain activities. In those in whom the fracture remains well aligned a cast is generally sufficient. If the fracture is displaced then surgery is generally recommended. Healing may take up to six months. 852c95a392 == Types == 852c95a392 Cervical fracture 852c95a392 It is the most commonly fractured carpal

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bone. Males are affected more often than females. 852c95a392

Mandibular fracture It may result in a decreased ability to fully open the mouth. Often the teeth will not feel properly aligned or there may be bleeding of the gums. In about 60% of cases the break occurs in two places. Mandibular fracture, also known as fracture of the jaw, is a break through the mandibular bone. In about 60% of cases the break occurs in two places. It Mandibular fracture, also known as fracture of the jaw, is a break through the mandibular bone. Mandibular fractures occur most commonly among males in their 30s 852c95a392

Acute fractures usually present with back pain, with other possible signs including reduced range of motion and even nerve deficits. Additionally, presence of a bruise or scrape combined with localized back pain may indicate the need to further investigate for evidence of a compression fracture. Chronic compression fractures, such as in osteoporosis, may initially be asymptomatic, but will later often lead to back pain, spinal deformities, loss of height, and neurologic issues. 852c95a392

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Spinal cord compression Spinal cord compression is a form of myelopathy in which the spinal cord is compressed. Causes can be bone fragments from a vertebral fracture, a tumor, abscess, ruptured intervertebral disc or other lesion. Causes can be bone fragments from a vertebral fracture, a tumor, Spinal cord compression is a form of myelopathy in which the spinal cord is compressed 852c95a392

Fracture of C2, including Hangman's fracture 852c95a392 Mandibular fractures are typically the result of trauma. This can include a fall onto the chin or a hit from the side. Rarely they may be due to osteonecrosis or tumors in the bone. The most common area of fracture is at the condyle (36%), body (21%), angle (20%) and symphysis (14%). Rarely the fracture may occur at the ramus (3%) or coronoid process (2%). While a diagnosis can occasionally be made with plain X-ray, modern CT scans are more accurate. 852c95a392

Scaphoid fracture Symptoms generally includes pain at the base of the thumb which is worse with use of the hand. Complications may include nonunion of the

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fracture, avascular necrosis of the proximal part of the bone, and arthritis. Symptoms generally includes pain at the base of the thumb which is worse with use of A scaphoid fracture is a break of the scaphoid bone in the wrist. The anatomic snuffbox is generally tender and swelling may occur. A scaphoid fracture is a break of the scaphoid bone in the wrist 852c95a392

A basilar skull fracture typically requires a significant degree of trauma to occur. It is defined as a fracture of one or more of the temporal, occipital, sphenoid, frontal or ethmoid bone. Basilar skull fractures are divided into anterior fossa, middle fossa and posterior fossa fractures. Facial fractures often also occur. Diagnosis is typically by CT scan. 852c95a392 == Signs and symptoms == 852c95a392

Chauffeur's fracture Chauffeur's fracture, also known as Hutchinson fracture, is a type of intraarticular oblique fracture of the radial styloid process in the forearm. The injury is typically caused by compression of the scaphoid bone of the hand against the styloid process of the distal radius. Treatment is often open reduction and internal fixation, which is

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surgical realignment of the bone fragments and fixation with pins, screws, or plates. The Chauffeur's fracture, also known as Hutchinson fracture, is a type of intraarticular oblique fracture of the radial styloid process in the forearm. It can be caused by falling onto an outstretched hand 852c95a392

Middle back pain Trauma may cause a fracture, but in women over Middle back pain, also known as thoracic back pain, is back pain that is felt in the region of the thoracic vertebrae, which are between the bottom of the neck and top of the lumbar spine. The upper spine is very strong and stable to support the weight of the upper body, as well as to anchor the rib cage which provides a cavity to allow the heart and lungs to function and protect them. It has a few potential causes, ranging from muscle strain to collapse of a vertebra or rare serious diseases. needed] A compression fracture of the vertebra can also cause acute and/or chronic pain in the upper back 852c95a392

Common causes include falls, motor vehicle collisions, a vehicle hitting a pedestrian, or a direct crush injury. In younger people

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significant trauma is typically required while in older people less significant trauma can result in a fracture. They are divided into two types: stable and unstable.

Unstable fractures are further divided into anterior posterior compression, lateral compression, vertical shear, and combined mechanism fractures. Diagnosis is suspected based on symptoms and examination with confirmation by X-rays or CT scan. If a person is fully awake and has no pain of the pelvis medical imaging is not needed. 852c95a392 Emergency treatment generally follows advanced trauma life support. This begins with efforts to stop bleeding and replace fluids. Bleeding control may be achieved by using a pelvic binder or bed-sheet to support the pelvis. Other efforts may include angiographic embolization or preperitoneal... 852c95a392 The exact symptoms associated with middle back pain will depend upon the underlying cause. Most middle back pain is not serious in nature. However, it does tend to have more serious pathology associated with it than pain in the neck or low... 852c95a392

Pelvic fracture Symptoms include pain, particularly with movement. This includes any break of the sacrum, hip bones

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(ischium, pubis, ilium), or tailbone. Unstable fractures are further divided into anterior posterior compression, lateral compression, vertical shear, and combined mechanism fractures. Complications may include internal bleeding, injury to the bladder, or vaginal trauma. Diagnosis A pelvic fracture is a break of the bony structure of the pelvis
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== History == 852c95a392 Symptoms suggestive of cord compression are back pain, a dermatome of increased sensation, paralysis of limbs below the level of compression, decreased sensation below the level of compression, urinary and fecal incontinence and/or urinary retention. Lhermitte's sign (intermittent shooting electrical sensation) and hyperreflexia may be present. 852c95a392 Holdsworth fracture - an unstable fracture dislocation of the thoracolumbar junction...
852c95a392 == Signs and symptoms... ==
852c95a392 Clay-shoveler fracture - fracture through the spinous process of a vertebra occurring at any of the lower cervical or upper thoracic vertebrae
852c95a392 == Types == 852c95a392 Fracture of C1, including Jefferson fracture
852c95a392 Burst fracture - in which a

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vertebra breaks from a high-energy axial load 852c95a392 Scaphoid fractures are most commonly caused by a fall on an outstretched hand. Diagnosis is generally based on a combination of clinical examination and medical imaging. Some fractures may not be visible on plain X-rays. In such cases the affected area may be immobilised in a splint or cast and reviewed with repeat X-rays in two weeks, or alternatively an MRI or bone scan may be performed. 852c95a392 Treatment is generally based on the extent and location of the injury to structures inside the head. Surgery may be performed to seal a CSF leak that does not stop, to relieve pressure on a cranial nerve or repair injury to a blood vessel. Prophylactic antibiotics do not provide a clinical benefit in preventing meningitis. A basilar skull fracture occurs in about 12% of people with a severe head injury. 852c95a392 == Signs and symptoms == 852c95a392 Flexion teardrop fracture - a fracture of the anteroinferior aspect of a cervical vertebra 852c95a392 Compression fracture - a collapse of a vertebra, often resulting in the form of a wedge-shape due to larger compression anteriorly 852c95a392 Chance fracture - compression injury to the anterior portion of a vertebral

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body with concomitant distraction injury to posterior elements 852c95a392 Jonathan Hutchinson first described Chauffeur's fracture in 1866. The term "Chauffeur's fracture" originated from Just Lucas-Championnière in 1904. The name originates from early chauffeurs, who sustained these injuries when the car back-fired while the chauffeur was hand-cranking to start the car. The back-fire forced the crank backward into the chauffeur's palm and produced the characteristic styloid fracture. 852c95a392

Basilar skull fracture Symptoms may include bruising behind the ears, bruising around the eyes, or blood behind the ear drum. Meningitis occurs in about 14% of cases. A cerebrospinal fluid (CSF) leak occurs in about 20% of cases and may result in fluid leaking from the nose or ear. Symptoms may include bruising behind the ears, bruising around the eyes, or blood A basilar skull fracture is a break of a bone in the base of the skull. Other complications include injuries to the cranial nerves or blood vessels. A basilar skull fracture is a break of a bone in the base of the skull 852c95a392

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Spinal fracture Most types of spinal fracture confer a significant risk of spinal cord injury. load Compression fracture - a collapse of a vertebra, often resulting in the form of a wedge-shape due to larger compression anteriorly Chance fracture - A spinal fracture, also called a vertebral fracture or a broken back, is a fracture affecting the vertebrae of the spinal column. After the immediate trauma, there is a risk of spinal cord injury (or worsening of an already injured spine) if the fracture is unstable, that is, likely to change alignment without internal or external fixation

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Avulsion fracture This can occur at the ligament by the application of forces external to the body (such as a fall or pull) or at the tendon by a muscular contraction that is stronger than the forces holding the bone together. Highly trained athletes can overcome this neurological inhibition of strength and produce a much greater force output capable of breaking or avulsing a bone. Incomplete fractures are usually treatable with the traditional RICE (rest, ice, compression, elevation) method, but complete/displaced fractures will most An avulsion fracture is a bone fracture which

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occurs when a fragment of bone tears away from the main mass of bone as a result of physical trauma. Generally muscular avulsion is prevented by the neurological limitations placed on muscle contractions
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Vertebral compression fracture Seen in lateral views in plain x-ray films, compression fractures of the spine characteristically appear as wedge deformities, with greater loss of height anteriorly than posteriorly and intact pedicles in the anteroposterior view. It may be due to trauma or due to a weakening of the vertebra (compare with burst fracture). This weakening is seen in patients with osteoporosis or osteogenesis imperfecta, lytic lesions from metastatic or primary tumors, or infection. In healthy patients, it is most often seen in individuals suffering extreme vertical shocks, such as ejecting from an ejection seat. localized back pain may indicate the need to further investigate for evidence of a compression fracture. Chronic compression fractures, such as in osteoporosis A compression fracture is a collapse of a vertebra 852c95a392

== Signs and symptoms == 852c95a392 In

most cases, the pain is likely to be self-limiting; in that case no diagnostic tests are required, and simple pain relief is sufficient. More severe and prolonged cases may require more specific pain management strategies and occasionally investigations for underlying medical diseases.

852c95a392 When acute it can cause a medical emergency independent of its cause, and require swift diagnosis and treatment to prevent long-term disability due to irreversible spinal cord injury.

852c95a392 == Signs and symptoms ==
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