Anterior Cervical Corpectomy in India at Delhi and Mumbai at affordable cost by Pankaj

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Cervical Corpectomy Details

Most neck pain is due to degenerative changes that occur in the intervertebral discs of the cervical spine and the joints around between each vertebra. The vast majority of patients who have neck pain will not require any type of operation. However, in some cases degenerative changes in the cervical spine can lead to a very serious condition where there is too much pressure on the spinal cord. When this condition occurs, the entire spinal cord is in danger. One surgical option is to remove the pressure on the spinal cord by removing the degenerative vertebrae and replacing them with a bone graft.

This procedure is called a corpectomy and strut graft.Cervical corpectomy is an operation to remove a portion of the vertebra and adjacent intervertebral discs for decompression of the cervical spinal cord and spinal nerves. A bone graft with or without a metal plate and screws is used to reconstruct the spine and provide stability.

The patient is positioned on their back, an incision is made over the hip to harvest bone from the iliac crest. For the corpectomy, a small incision is made on either side of the neck. The cervical spine is widely exposed by separating the spaces between the normal tissues. The discs above and below the vertebrae involved are removed. The middle portion of the vertebrae is removed (some of which is saved for use in the fusion) using special cutting instruments and drills to decompress the underlying spinal cord and nerve roots. A strut of bone is placed to span the bony defect and provide support to the front of the spine.

The bone is incorporated (fused) into the remaining vertebrae over time. Bone from the bone bank (allograft) may be substituted for the patient's own bone. A metal plate and screws are often used to provide extra support and facilitate the fusion process.

Absorbable sutures and sometimes skin staples are used to close the incisions. A cervical collar may or may not be required for use after surgery. The doctor will follow the fusion with periodic x-ray exams after the operation.

How Long Will It Take Me To Recover?

Your surgeon will have a specific postoperative recovery plan to help you return to your normal activity level as soon as possible. Following an anterior cervical corpectomy and fusion, you may notice an immediate improvement of some or all of your symptoms; other symptoms may improve more gradually. The amount of time that you have to stay in the hospital will depend on your treatment plan. How quickly you return to work and your normal activities will depend on how well your body heals and the type of work/activity level you plan to return to.

Work closely with your spinal surgeon to determine the appropriate recovery protocol for you, and follow his or her instructions to optimize the healing process. To determine whether you are a candidate for an anterior cervical corpectomy and fusion, please talk to your doctor.

Are There Any Potential Risks Or Complications?

All treatment and outcome results are specific to the individual patient. Results may vary.

Complications such as infection, nerve damage, blood clots, and blood loss, along with complications associated with anesthesia, are some of the potential risks of spinal surgery. A potential risk inherent to spinal fusion is failure of the vertebral bone and graft to properly fuse, a condition that may require additional surgery.

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