



VERTEBROPLASTY/ KYPHOPLASTY

LOCATIONS:

Main:

Buffalo Vascular Care (BVC) – Outpatient Treatment Facility
6337 Transit Road, Depew, NY 14043

Satellite offices:

190 Washington Avenue, Batavia, NY 14020

6934 Williams Road, Suite 400, Niagara Falls, NY 14304

Azher Iqbal, MD

Medical Director, BVC

Board Certified Vascular Interventional Radiology

Assistant Clinical Professor of Radiology, SUNY Buffalo

OFFICE HOURS

Monday-Friday 8:00 am – 4:30 pm

SCHEDULING INQUIRIES

Contact BVC by calling 716-852-1977

buffalovascularcare.com

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SPINE FRACTURES



Buffalo
Vascular Care

716.852.1977

BuffaloVascularCare.com



About Vertebroplasty/Kyphoplasty

Vertebroplasty/kyphoplasty is a minimally invasive outpatient treatment that can repair compression fracture of spinal vertebra. The procedure involves internal reduction of vertebrae end plates to their correct position and stabilization/fixation with medical-grade bone cement. The procedure can be performed for fractures caused by osteoporosis, cancer, or other processes such as steroid use.

About Osteoporosis

Osteoporosis is characterized by low bone mass and structural deterioration of the bone resulting in an increased susceptibility to fractures. Nearly all vertebral fractures in otherwise healthy people are due to osteoporosis. Osteoporosis affects 10 million Americans and is responsible for 700,000 vertebral fractures each year. The condition has no symptoms until a fracture occurs. Women are more affected than men.

Vertebral Fracture Symptoms

- Unusually sudden onset
- Back pain, especially when standing or walking
- A reduction in pain when lying on one's back
- Decrease in height
- Limited spinal mobility
- Stooped posture

Osteoporosis Risk Factors

Factors that increase the likelihood of developing osteoporosis include:

- Caucasian or Asian ethnicity
- Being Female
- Being thin or having a small frame
- Post-menopausal advanced age
- Family history of osteoporosis
- Abnormal absence of menstrual periods
- Diet low in calcium
- Anorexia or bulimia
- Some medications such as corticosteroids, anticonvulsants and warfarin
- Smoking, excessive alcohol consumption and lack of exercise

Vertebroplasty/Kyphoplasty Procedure

Vertebroplasty/Kyphoplasty is performed by an interventional radiologist in an outpatient setting using X-ray guidance and conscious sedation. The procedure begins with a small orthopedic balloon or other instrument being guided into the vertebra through a metal cannula a few millimeters wide. The balloon is then gently inflated in an attempt to raise the collapsed vertebra to the most normal position as possible. Once the vertebra is in the correct position, the balloon is deflated and removed; the newly created cavity is filled with medical-grade bone cement that supports the bone and prevents further collapse. The entire procedure typically takes less than one hour. Most patients are discharged home 2 hours after procedure.

Outcome

Vertebroplasty/Kyphoplasty treatment offers a safe, effective, low-cost outpatient treatment option for vertebral fractures with minimal risk. Following treatment most patients report their pain is totally gone or significantly better within 48 hours. Many people can resume their normal daily activities almost immediately after treatment

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