



Locations

Beachwood:

*CT, MRI, Ultrasound,
X-Ray*

3733 Park East Dr. # 100
Beachwood, Ohio 44122
Phone: (216) 292-9998
Fax: (216) 292-9799

Columbus:

MRI, X-Ray

1430 South High Street
Columbus, Ohio 43207
Phone: (614) 220-0001
Fax: (614) 220-0002

When a Chiropractor Should Order a CT Scan (Quick Reference Guide)

Trauma / Fracture

- Suspected occult fracture not seen on X-ray
- Complex fractures (burst, comminuted, pelvic, facial)
- Vertebral compression or pars defect not clear on plain films

Bony Lesions / Pathology

- Bone tumors, metastasis (evaluate margins, extent)
- Infection / osteomyelitis (with or without MRI)
- Aggressive bone disease (lytic/blastic changes)
- Severe degenerative changes needing 3D bone detail

Pre-Surgical / Post-Surgical

- Pre-op planning (fusion, decompression, joint replacement)
- Post-op assessment (fusion status, hardware loosening/breakage)

Specialized Spinal Conditions

- Pars interarticularis defect (spondylolysis) when X-ray equivocal
- Congenital anomalies (transitional vertebrae, block vertebrae)
- Severe stenosis / ankylosis needing detailed bone visualization

When MRI is Contraindicated or Limited

- Pacemaker, metal implants, claustrophobia
- CT myelography if MRI not possible
- Better bone detail if MRI is inconclusive

Summary:

CT is ordered when **X-ray is not enough** and **bone detail is crucial** especially for trauma, tumors, infection, advanced degeneration, or surgical planning. MRI remains first choice for discs, nerves, marrow, and soft tissues.