

Cone Beam CT images provide:

- > 3-Dimensional Views
- > Weight Bearing Diagnosis
- > Low Radiation Exposure*

Weight Bearing CT 3D exam is faster than conventional X-Ray exams. Weight Bearing 3D CT exams allow for a more precise diagnosis of your bones and joints.

The American Orthopedic Foot and Ankle Society (AOFAS) recommends weight bearing position when possible, which can not be achieved with conventional CT machines.



Sit comfortably for hand, wrist and elbow scans.

If you are unable to stand, you will be seated for foot, ankle and knee scans.



WHAT TO EXPECT FOR YOUR SCAN

1. You will be asked to walk up two low steps to the HiRise platform. Handrails and a knee support will help you stay still during the scan. If you cannot stand, you will be asked to sit on a chair, which will be raised up to the system.
2. Staff will help position you correctly.
3. Stand, sit or lay still for about 35 seconds per body part while the gantry rotates around you.
4. Your doctor now has 3-Dimensional data of your bones and joints.



This 3D CT imaging technology is low dose. For most protocols, patients are exposed to slightly more radiation than they would be from a regular X-Ray exam.* Your doctor will determine if the benefits of the scan outweigh the radiation exposure risk.

*Jaydev Dave, PhD. Effective Dose Associated With Weight-Bearing Cone Beam Computed Tomography Imaging of the Hip and Extremities. Poster presented at: IUPESM World Congress on Medical Physics and Biomedical Engineering; June 12 - 17, 2022; Singapore.

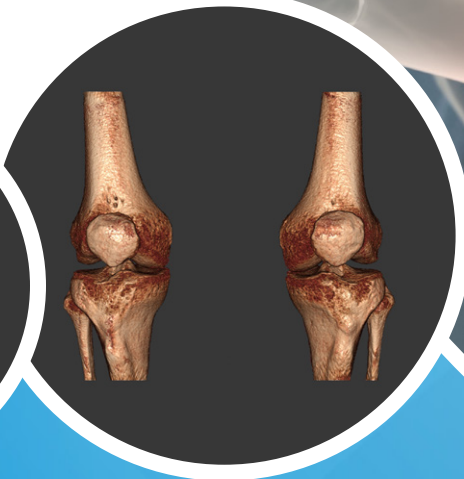
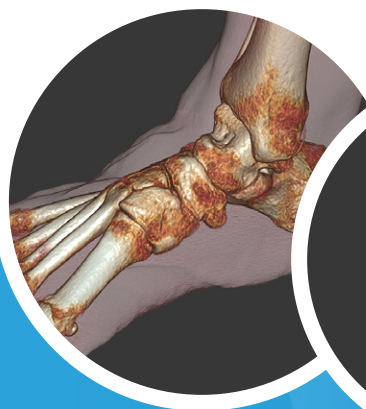
We offer
State-of-the-Art

Weight Bearing
3D CT Imaging



CurveBeam AI
HiRise[™]

mHiRise20 Rev. D



HiRise™ Cone Beam CT combines the benefits of both X-Ray and Conventional CT

	Advantages	Disadvantages
X-Ray	<ul style="list-style-type: none"> • Low radiation • Quick analysis of lower extremity alignment • Usually available at your doctor's office • No insurance approval required • Natural standing position during scan 	<ul style="list-style-type: none"> • 2-Dimensional - limited accuracy of bone position and detail • Difficult to make precise measurements • Exam can take several minutes & may need to be repeated if patient was not positioned properly
Conventional CT	<ul style="list-style-type: none"> • 3-Dimensional - accurate bone position and detail • Make precise measurements • Accurate bone position and detail • See soft tissues, such as tendons and ligaments 	<ul style="list-style-type: none"> • Significantly higher radiation than X-Ray • Not standing in natural position during scan • Approval may be required for insurance coverage
HiRise™ Cone Beam CT	<ul style="list-style-type: none"> • 3-Dimensional - accurate bone position and detail • Lower radiation than conventional CT • Accurate bone position and detail • Make precise measurements • Natural standing position during scan • Analyze the leg joints in a functional position • Available Here! 	<ul style="list-style-type: none"> • Approval may be required for insurance coverage