



Bilateral, weight bearing CT imaging for the foot & ankle designed for the office.



Small device foot print; self-shielded; runs off standard 115V outlet; 25 second scans.



Image acquisition is 70% faster than X-Ray series - allows you to see more patients per day.²



35% improved fracture detection and 2-fold improved identification of complex fracture over X-Ray.¹



Largest field of view in its class - 20cm x 35cm - Scan up to size 20 shoe.

Why do you need a pedCAT?

- Regain the power to make clinical decisions by having immediate access to full-resolution 3D scans
- Get patients to surgery more quickly - have same day answers for lower extremity fractures and dislocations
- Follow up appointments - assess bone healing and offer patient-specific plans
- Image acquisition is faster than X-Ray - allows you to see more patients per day
- Better imaging = fewer missed fractures and more accurate diagnosis
- Capture imaging revenue for your practice via CPT code 73700

¹ De Smet, E., De Praeter, G., Verstraete, K.L.A. et al. Skeletal Radiol (2015) 44: 1111. <https://doi.org/10.1007/s00256-015-2127-3>

² Richter M, Seidl B, Zech S, Hahn S. Foot Ankle Surg. 2014 Sep;20(3):201-7. <https://doi.org/10.1016/j.fas.2014.04.004>

Peer Testimonials



Dr. Martinus Richter, MD
Hospital Rummelsburg

"The weight-bearing CT changed my daily practice. In former times we did standard X-Rays with weight bearing first and then if we were interested in 3D imaging, we sent the patient to CT. This could take days or even weeks. Now, I have everything together in one minute."



Dr. Kyle J. Kinmon, DPM
Certified Foot & Ankle

"The image quality is unparalleled and the efficiencies are invaluable. Daily, we are diagnosing pathology that otherwise would have been missed or delayed. Treatment is expedited and outcomes are better. Patients love it."



Dr. Troy S. Watson, MD
Desert Orthopedic Center

"The pedCAT has been a great addition in our office. It is a great service to offer my patients, especially in trauma cases where we need to make quick decisions about operative treatment. We also find it helpful in evaluating complex deformity cases and the 3D reconstruction can be a really useful tool in preoperative planning. The reimbursements have more than paid for this investment. We have had positive cash flow on our pedCAT since placing it in the office while offering our patients a better experience."

Scientific Evidence



"The standard imaging of Hallux Valgus deformity with 2D plain radiographs provides limited information because of the rotational, three-dimensional nature of the deformity. It has also been difficult with traditional radiographic techniques to assess the rotational changes of the metatarsal during weight bearing in HV deformity. These changes are thought to play a crucial role in HV correction...Weight bearing 3D CT [is important] in allowing the surgeon to evaluate fully the deformity in Hallux Valgus prior to corrective surgery."

M. Welck, et al. (2018) Imaging of Hallux Valgus: How to Approach the Deformity . Foot Ankle Clin. 23(2):183-192. doi: 10.1016/j.fcl.2018.01.002.



"Cone Beam CT allows cross-sectional imaging of the tibiofibular syndesmosis while the patient bears weight. This may facilitate more accurate and more reliable investigation of injuries to, and reconstruction of, the syndesmosis."

S. Patel, et al. (2019) Defining reference values for the normal tibiofibular syndesmosis in adults using weight-bearing CT . Bone Joint J. 101-B(3):348-352. doi: 10.1302/0301-620X.101B3.BJJ-2018-0829.R1.



"We can say that compared to standard X-ray, CBCT has higher sensitivity and specificity in the proper identification and typing ...of lesions (foot & ankle fractures, tibial plateau fractures), with low [radiation] dose if compared to MDCT."

M. Ricci, et al. (2019). Cone-beam computed tomography compared to X-ray in diagnosis of extremities bone fractures: A study of 198 cases. European Journal of Radiology Open. 6. 119-121. doi: 10.1016/j.ejro.2019.01.009.



"Weight bearing cone beam CT scan may be able to distinguish between stable and unstable supination external rotation ankle fractures and influence operative decision making." M. Lawler et al. (2018). Weight-Bearing Cone-Beam CT Scan Assessment of Stability of Supination External Rotation Ankle Fractures in a Cadaver Model. Foot Ankle Int. 39(7): 850-857. doi: 10.1177/1071100718761035