

We proposed a method to **automatically regress the standard plane's parameters** from a C-arm FD-CT volume.

No need of **segmentation annotations**

Negligible time

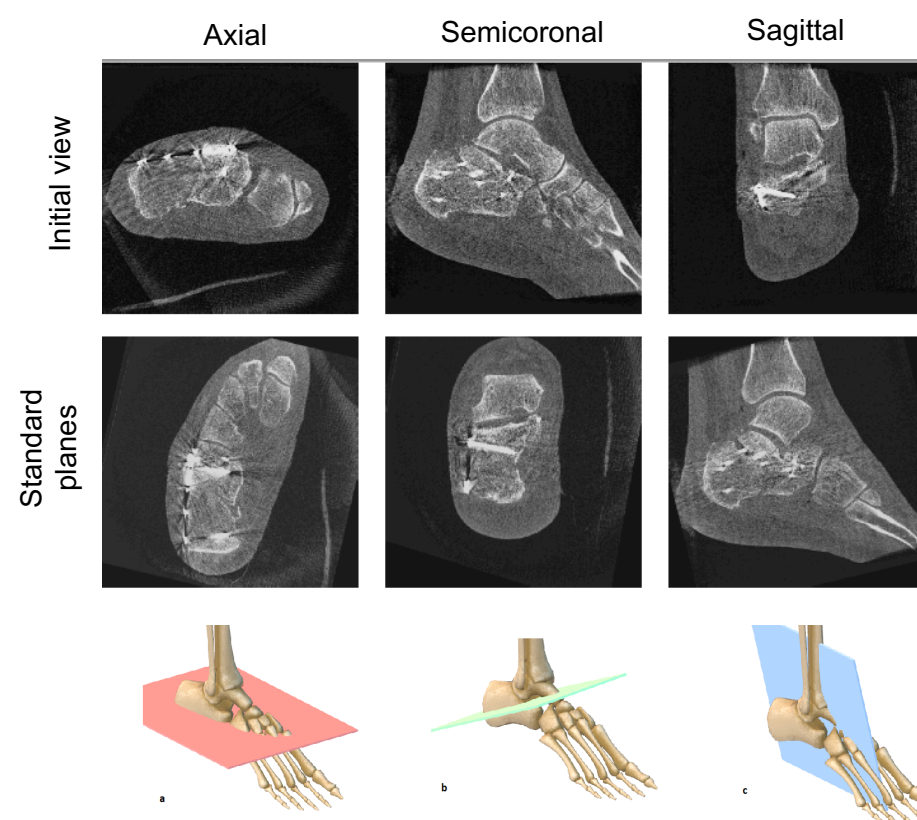
It deals with **orthogonal** and **non-orthogonal planes**

Motivation

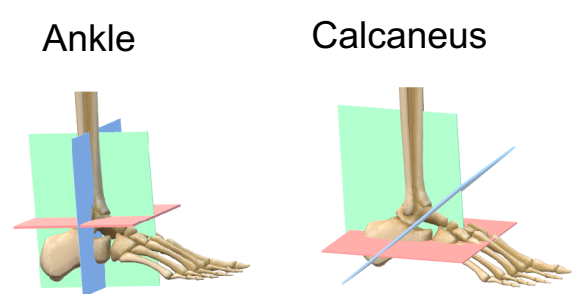
Volumes need to be assessed in standardized views

Lack of information about patient-to-device orientation

Manual adjustment of standard planes at workstation



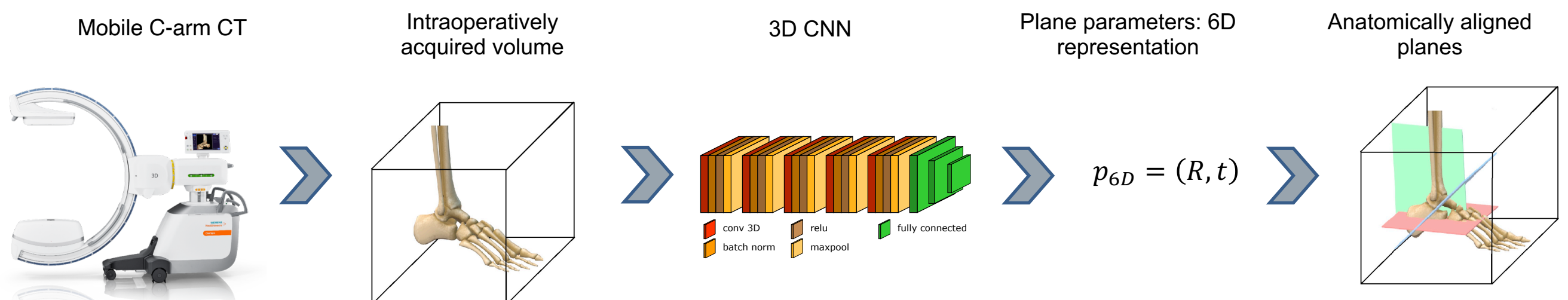
Data



Volumes obtained from a Mobile C-arm CT system with a field of view of 16cm3 and a resolution of 512 voxels. They often contain metal implants.

	Cadaver	Clinical	Total
Calcaneus	134	26	160
Ankle	153	67	220

Method



Results

