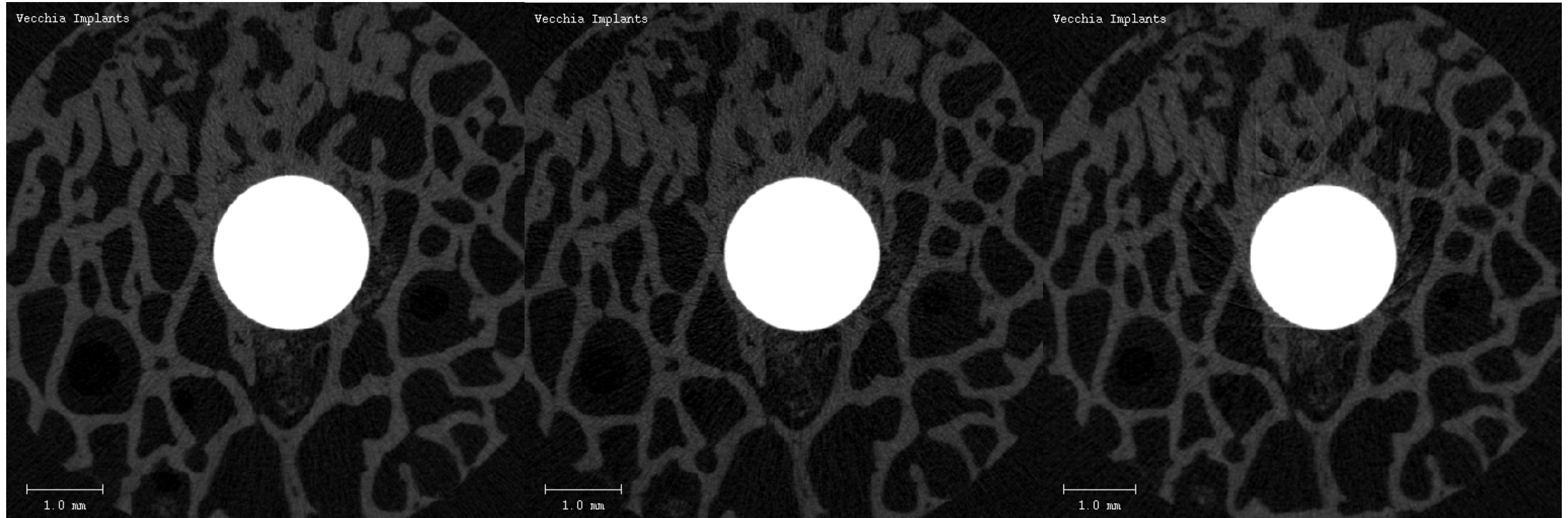


Minimizing artifacts from Implants

All scans were completed on a Scanco μ CT100 with scan settings of 12 μ m, 90 kVp, 44 μ A, 0.1mm CU filter, 500 projections around 180°, and an average data of 1. The only changes were the diameter of the specimen holder and integration time.



19mm sample holder, 1500ms integration.
Scan Time: 27.6 minutes per 2 mm

19mm sample holder, 1000ms integration.
Scan Time: 18.9 minutes per 2 mm

34mm sample holder, 1000ms integration.
Scan Time: 18.9 minutes per 3.5mm