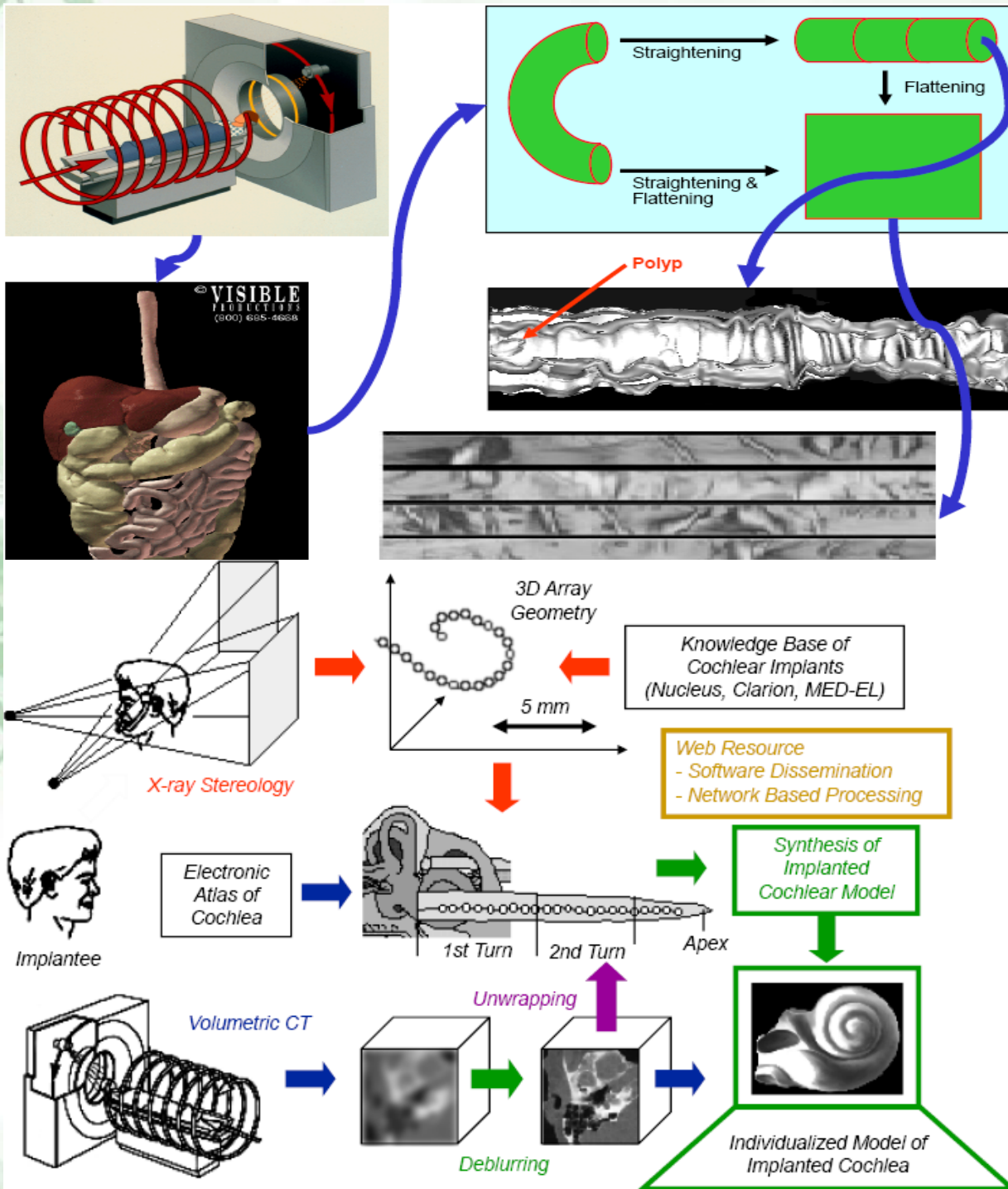


Image Warping — Unravel Unevenness into Uniformity



Colon Unraveling
by Spiral CT

Cochlear Unraveling
by Spiral CT

Papers by Our Team

Wang G, Vannier MW: GI tract unraveling by spiral CT. Proc. SPIE Vol. 2434, p. 307-315, Medical Imaging 1995: Image Processing, Murray H. Loew; Ed., May 1995 (First paper on mapping a curvilinear structures onto a planar display for global visualization and quantitative analysis)

Wang G, McFarland EG, Brown BP, Vannier MW: GI tract unraveling with curved cross-sections. IEEE Transactions on Med. Imaging 17:318-322, 1998 (TMI version of our colon unraveling technology)

Wang G, Vannier MW, Skinner MW, Kalender WA, Polacin A, Ketten DR: Unwrapping cochlear implants by spiral CT. IEEE Trans. on Biomedical Engineering 43:891-900, 1996 (Similar technology for inner ear CT studies)