

As treatment planning software technology has advanced and computed tomography and cone beam imaging have become more routinely used, pre-planning surgical procedures has become accessible to many surgical specialities. The doctors at HNSA have been on the forefront of the development and use of this technology and have thoroughly integrated into their practice.

Applications of this technology include digitally planning osteotomies and movements for complex orthognathic surgeries, effectively eliminating traditional model surgery. Clinical transfer for these types of cases is typically accomplished by using CAD/CAM generated interocclusal splints.

Another exciting application is for performing vascularized free flap transfers using the fibula. In these challenging cases the ability to pre-plan the exact size, placement and orientation of the fibula has allowed for more ideal reconstructions while saving valuable operating room time.

At HNSA, the future is now!