



STATE OF CONNECTICUT
OFFICE OF HEALTH CARE ACCESS

M. JODI RELL
GOVERNOR

CRISTINE A. VOGEL
COMMISSIONER

December 4, 2007

Lee W. McNeish, DMD
650 Chase Parkway
Waterbury, CT 06708

RE: Certificate of Need Determination Report Number 07-31064-DTR
Lee W. McNeish, DMD
Acquisition of Galileos Cone Beam 3-D Dental Imaging System

Dear Dr. McNeish:

On November 13, 2007, the Office of Health Care Access ("OHCA") received your Certificate of Need ("CON") Determination request concerning the acquisition of the Galileos Cone Beam 3-D Dental Imaging System ("Galileos") at an associated capital expenditure of \$195,318. OHCA has reviewed the information contained in your request and makes the following findings:

1. Dr. Lee W. McNeish is an oral surgeon with a private dental office located at 650 Chase Parkway in Waterbury, Connecticut.
2. The Galileos system will be acquired for use within the private dental office, and will replace the existing Orthopantomograph OP 100 Panorex machine.
3. The Galileos system includes X-ray equipment, an IT package with a reconstruction and control unit (RCU), 3D visualization and analysis software, 3-D implant planning software, and surgical guide kits. *(Source: Galileos Brochure, Sirona Dental Systems, LLC, 2007)*
4. The Galileos system used a pulsed scan to take 200 individual exposures from a 14-second cycle. Once the x-ray scan is completed, the images are sent to the RCU for the computations required to create the 3-D image. This allows for 3-D imaging of the oral-maxillofacial region. Any slice of the entire 3-D volume can be reconstructed and viewed from any angle. *(Source: Galileos Brochure, Sirona Dental Systems, LLC, 2007)*

5. The associated capital expenditure for the Galileos system is \$195,318.
6. Section 19a-639 of the Connecticut General Statutes (“C.G.S.”) requires CON approval, regardless of cost, for anyone acquiring, purchasing or accepting donation of a CT scanner, PET scanner, PET/CT scanner, MRI, cineangiography equipment, a linear accelerator or other similar equipment utilizing new technology that is being introduced to the state.

Based on the above findings, OHCA has determined the Galileos Cone Beam 3-D Dental Imaging System produces images through the acquisition and computer processing of x-ray transmission data and therefore is a computed tomography (“CT”) scanner. The Galileos Cone Beam 3-D Dental Imaging System is a CT scanner similar to the other scanners and equipment requiring CON approval. Therefore, the acquisition and operation of the Galileos Cone Beam 3-D Dental Imaging System at your private dental office requires Certificate of Need approval, pursuant to Section 19a-639 of the Connecticut General Statutes.

As your proposal requires a Certificate of Need, OHCA accepts the CON Determination form submitted on November 13, 2007, as the Letter of Intent for the proposal. OHCA will provide the Petitioner a CON application for the proposal. The completed CON application will be eligible for submission no earlier than January 12, 2007, and may be submitted no later than March 12, 2008. The CON application is being mailed to your attention separately.

If you have any questions regarding the above, please contact Laurie Greci or Alexis Fedorjaczenko at (860) 418-7001.

Sincerely,

Signed by Commissioner Vogel on December 4, 2007

Cristine A. Vogel
Commissioner

CAV: agf