

The Cutting Edge

Annapolis

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FUN FACTS

- Dr. Roa gave a talk on myths & treatment of canine hip dysplasia, at **DogFest 2008** in October at Shawan Downs in Cockeysville.
- In November Dr. Prostedny gave a presentation to members of the **Anne Arundel County Veterinary Medical Association** on advances in orthopedic surgery. He discussed such procedures as SHO (Sliding Humeral Osteotomy), TTA (Tibial Tuberosity Advancement), HELICA total hip replacement and TATE Elbow Replacement.
- The 10th Annual **CVRC fall Conference** at the Ruth's Chris Steak House in Pikesville in November was well attended. Dr. Weeren gave a presentation on HELICA total hip replacements.
- Look for our booth at the upcoming **World of Pets Expo** on January 23, 24, and 25 at the Timonium Fairgrounds

The TATE Elbow Replacement

New Hope for Dogs with End Stage Elbow Osteoarthritis

Chesapeake Veterinary Surgical Specialists is pleased to announce that we will now be offering the new TATE Elbow Replacement for dogs. Drs. Prostedny, Weeren, and Roa have recently completed the training course and we are currently searching for our first clinical cases.

What is the TATE Elbow Replacement and how is it different?

There have been numerous attempts over the last 2 decades to develop a consistently reliable elbow replacement for dogs. The elbow is a much more complex and challenging joint to replace than a simple ball and socket joint like the hip. This is due to the fact that the elbow is a hinge joint made up of 3 bones that all move independently. Most of the previous attempts at developing an elbow replacement have resulted in a high complication and failure rate. The Iowa State Elbow Replacement has met with the most success prior to the TATE Elbow. However, approximately 20-25% of these replacements still result in failure, necessitating arthodesis. Unlike previous elbow replacement systems, the TATE Elbow is minimally invasive in that its implantation does not alter or disrupt the normal ligamentous support of the elbow. All components are inserted together in cartridge fashion to ensure proper congruency and alignment through a full range of motion. The porous coating on the implant allows bone ingrowth, eliminating the need for cement fixation and improving long term stability.

How long has the TATE Elbow Replacement been around?

The TATE elbow was first conceived in 2002 and was developed over the next several years. The implant and instrumentation was licensed in 2006 and the first clinical cases were performed in early 2007. Multiple clinical cases performed over the last 2 years have shown the TATE elbow to be a technique that can be performed with relative ease, has a low rate of morbidity, and a low complication rate.

Where did the name "TATE" come from?

Tate was the name of the developer's own personal dog, who was the inspiration for the development of the prosthesis.

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• orthopedics • soft tissue surgery • neurosurgery • radiosurgery • reconstructive surgery • oncological surgery • arthroscopy • laparoscopy

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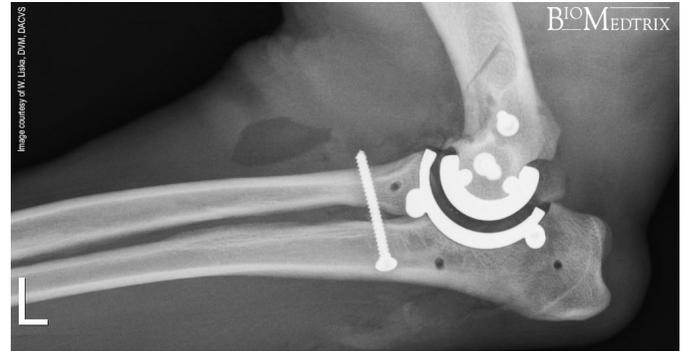
New Hope for Dogs with End Stage Elbow Osteoarthritis

What dogs are candidates for the TATE elbow?

The TATE Elbow Replacement is designed for dogs with end stage elbow osteoarthritis, whose only other alternative is elbow arthrodesis. It is not intended for dogs that are responding well to medical therapy or dogs with less severe disease that would respond well to a coronoidectomy or a sliding humeral osteotomy (SHO).

The TATE Elbow at CVSS

CVSS is now accepting cases for this exciting new procedure. We have made arrangements through BioMedtrix to have the designer and developer of the procedure flown in to perform the first 2 clinical cases with us. We expect the ultimate cost of this procedure to be about \$5000. However, the first 2 cases will be performed at a discounted rate of \$3500.



If you have questions about the TATE Elbow Replacement or feel you have a patient that is a potential candidate for the procedure, please contact Dr. Weeren at our Towson office or Drs. Prostedny and Roa at our Annapolis office.



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