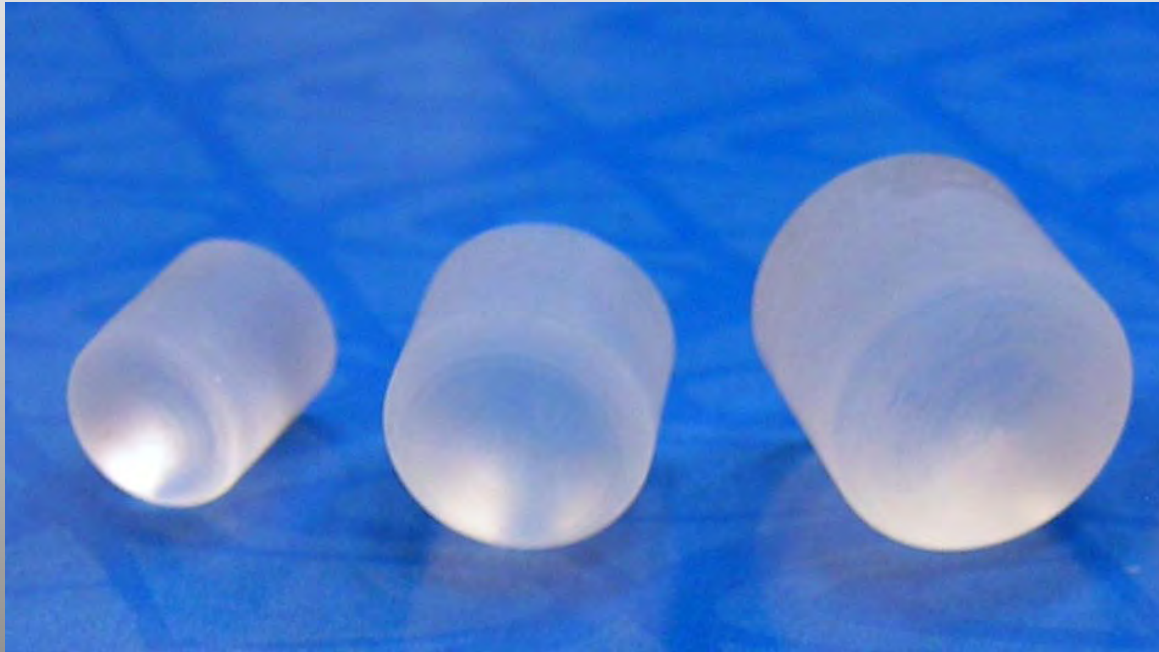


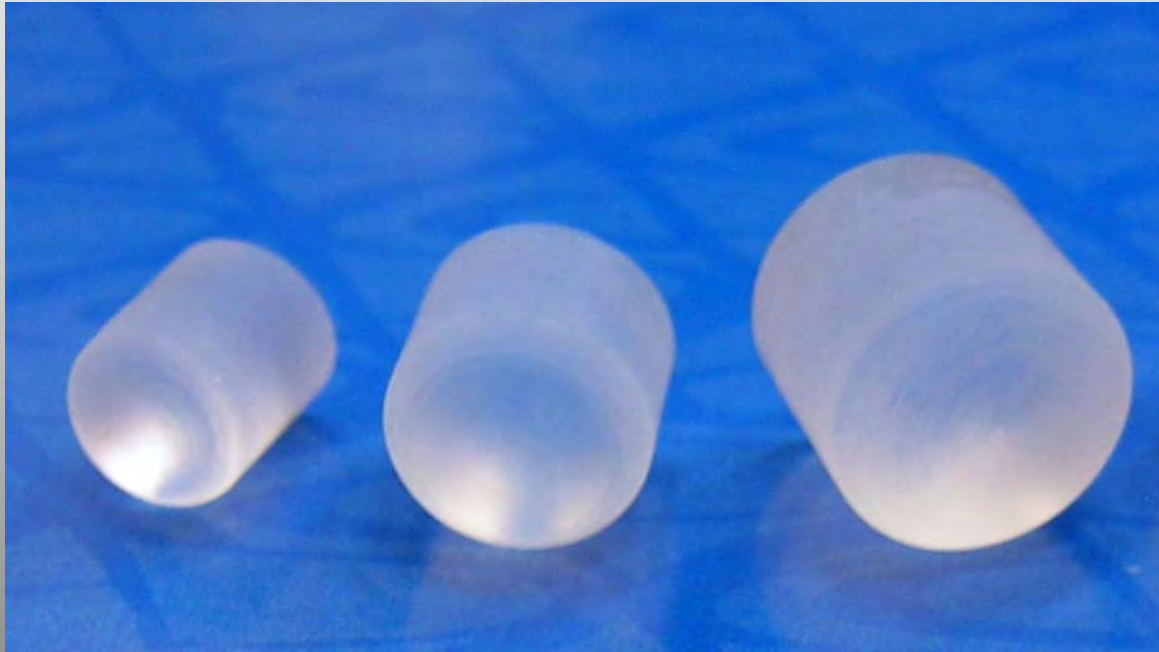
Cartiva™ MTP1 Implant



Polyvinyl Alcohol (PVA), nontoxic, bio-compatible, bio-stable, high tensile strength and flexibility.

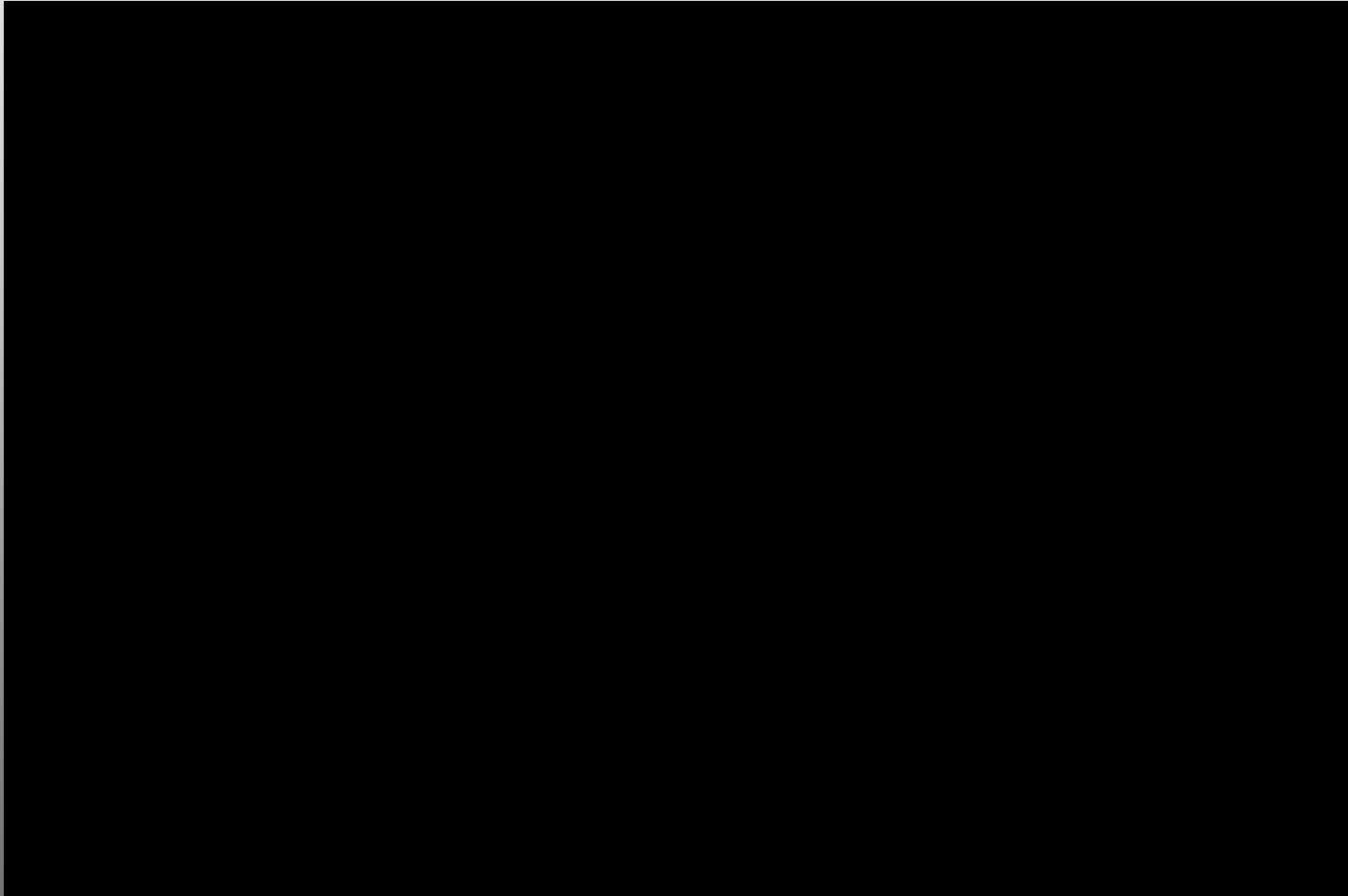
High water content (80%) and the possesses same lubricious qualities as human hyaline cartilage

Cartiva™ MTP1 Implant



Developed in the late 90's at Georgia State University and underwent intensive mechanical and animal testing prior to first human use in 2002

MTP1 Animation



Patient Testimonials 1

Female age 44
Beauty Therapist

Experienced pain for 5 years

Was resigned to wearing
Sandals and Sports Trainers

Had MTP1 surgery July 2006

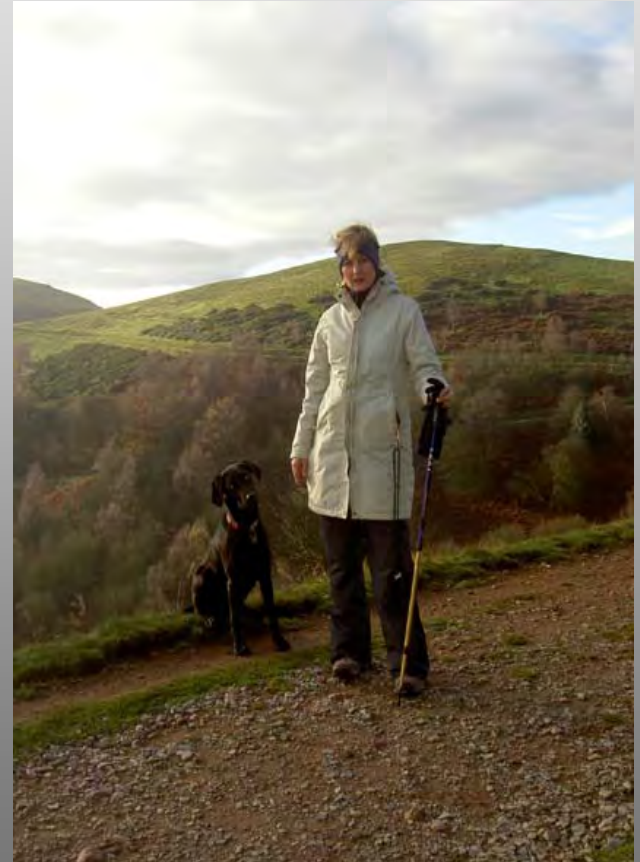
2009 - Still pain free with
70% ROM



Patient Testimonials 1

Quote:

I would recommend this surgery to anyone. I'm able to wear heels again and enjoy walking with my dog up to five miles per day, completely pain free



Patient Testimonials 2

Male 47 years

Royal Navy Physical Instructor

Was struggling to cope with pain and job future looked grim

Underwent Bi-lateral surgery
October 2008

Quick return to work and now
pain free



Patient Testimonials 2

Quote:

I'd certainly recommend this treatment to anyone with Osteoarthritis pain in their big toes. I'm able to run again without pain and I'm so grateful to my insurers for agreeing to fund this operation



Patient Testimonials 3

Female 40 years
Housewife - Mother of two

10 year experience of severe
pain left foot

Offered fusion but couldn't
face being immobile for
several week with two young
kids

Had Cartiva Implant Oct
2008



Patient Testimonials 3

Quote:

The pain has gone and I'm back in fashion shoes.

I would recommend this operation to everyone.

Recovery was so quick, I was amazed how soon I was back to looking after my family



Patient Testimonials 4

Male Aged 38

Underwater Photographer and
keen runner

Had stopped running due to
wear and tear to Great Toe and
was faced with the prospect of
a career change.

Elected for Cartiva MTP1
surgery Dec. 2007



Patient Testimonials 4

Quote:

I am delighted that I found this treatment. I feel so fortunate that I am pain free and able to run and dive again.

I would recommend this operation to anyone. It has transformed my life



Patient Testimonials 5

First UK Patient

Male age 39 years

**Trauma related damage to Great Toe
following motorcycle accident 18 years
previously**

Patient Testimonials 5



Kenny Rye
1st UK Patient

Adverse Events

Other events:

Only three reported incidents out of all procedures in UK

All three occurred in Surgeons first or second use

Fast learning curve but Biovation ensure support is on hand for at least the first three cases.

Adverse Events

This Study:

- No Fractures or Mechanical Failures seen
- No Inflammation, Synovitis or Osteolysis from wear particulates were observed
- Only one adverse event, Female patient 5 days post op had pain free motion. Reported pain 6 weeks post op but good mobility. Treated with Steroid injection which lasted two weeks. Second Steroid injection caused pain and X-rays performed.

Further operative investigation revealed avascular osteonecrosis thought likely to be a complication of the Steroid Injection into the joint space. Later confirmed when implant was removed and an Arthrodesis performed