



# Osteoarthritis

Cure without surgery



Reversing & Preventing Osteoarthritis

## New hitech revolutionary RFQMR technology using Cytotron

*Technical knowhow and training from the inventor of Cytotron Centre for Advanced Research & Development*

*Cytotron brings hope to millions of Arthritis patients faced with surgery or life of a cripple*

### What is Cytotron (RFQMR) therapy?

Cytotron developed after years of research, produces Rotational Field Quantum Magnetic Resonance (RFQMR). It is a new advanced, scientifically proven, non-invasive and effective option to treat osteoarthritis. The RFQMR beams are focused on the joint to enhance regeneration of the degenerated cartilage to help patients eliminate chronic pain and improve mobility of the joints without surgery.

### What is the treatment procedure?

Patient lies on the Cytotron bed that moves into the focus area and the treating rays are focused onto the affected joint with the aid of laser guides. The computer calculates the dose based on the MRI, cartilage thickness, etc. The treatment is given for one hour daily for 21 days.



### Is Cytotron comfortable and safe?

Patient feels no pain or discomfort during treatment. Cytotron is certified by DRDO, Government of India as safe, non-ionizing and non-thermal complying with the International Commission of non-ionizing Radiation standards.

### What joints can be treated with Cytotron?

Cytotron can treat knee, hip, ankle, shoulder, elbow, wrist, cervical and lumbar spine joints.

### What tests are required before Cytotron treatment?

X-ray and MRI of the joint, blood, urine and other routine tests are required before Cytotron

### Is Cytotron possible in old age and heavy patients?

Yes, Cytotron Therapy is possible in elderly and overweight patients. Eldest patient treated by us so far is 94 years and heaviest 132 Kg weight. However we do advise to reduce weight for good health.

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### Which patients cannot be treated with Cytotron?

Patients with any MRI incompatible implant or having pregnancy cannot be treated with Cytotron.

### Is Cytotron possible in patients with Diabetes, High Blood Pressure, Heart Disease, etc?

Yes, Cytotron is possible in arthritis patients having these and most other diseases.

### How does the patient know that he is better?

Patient feels better, has less pain, needs less or no pain killer medicines, can walk longer distance more comfortably and some can even climb stairs and sit on the floor. Pre and post Cytotron X-rays and MRI can document improvement. There is increase in capacity, range of motion and joint stability.

### What are the advantages of Cytotron therapy?

**Procedure:** Purely external with beam of rays.

**Anesthesia, cut, scar, blood transfusion:** Nil.

**Pain:** Nil due to treatment

**Hospital stay:** 1 hour daily. Some patients may need hospitalization to observe and manage pain.

**Complications/Infection/Dangers:** Nil.

**Surgery unfit patients:** Cytotron is possible.

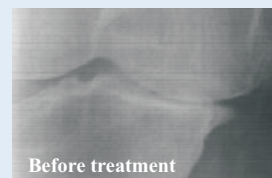
**Procedure deaths:** Nil.

**Preventive effect:** Yes.

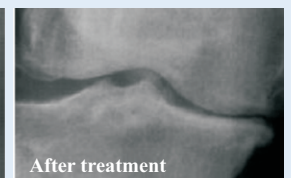
**Acceptance by patients:** Very well accepted.

**Acceptance by doctors:** Very well by the aware and knowledgeable doctors.

**Cost effective:** Lesser cost than joint replacement. surgery

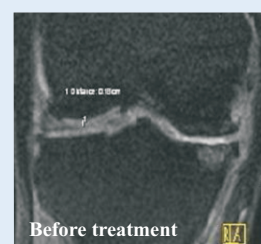


Before treatment



After treatment

X-ray knee showing increased cartilage thickness



Before treatment



After treatment

Cartilage Thickness 0.18cm

Cartilage Thickness 0.20cm

MRI knee showing increased cartilage thickness

limited and a second surgery is more difficult, more risky and less successful. Cytotron can not be done after joint replacement so Cytotron should be considered before joint replacement. Surgery should be preserved as the ultimate last option.

### What is the success rate and duration of effectiveness of Cytotron therapy?

Published clinical trials have shown that most patients benefit from Cytotron therapy but like every treatment the result and the duration of effectiveness varies from patient to patient depending on the disease process. We guess that the benefit should last 5 to 10 years.

### What if Cytotron fails or there is a recurrence?

In patients where Cytotron fails or there is recurrence over time the therapy can be safely repeated. As a last resort Joint replacement can be considered for them.

### Is Cytotron possible after arthroscopy or joint replacement?

Cytotron therapy is possible after arthroscopy but not after joint replacement.

### What are the possible future uses of Cytotron?

Cytotron has multiple potential treatment applications such as Osteoarthritis, Cancer, Angiogenesis in Coronary and Peripheral Artery Disease, Pain management, Osteoporosis, Fibromyalgia, Migraine, Diabetes, Diabetic neuropathy, Non healing wounds, Tinnitus, Drug resistant epilepsy, Multiple Sclerosis and cerebral degeneration.

### Do you treat cancer patients with Cytotron?

Yes, we treat cancer patients in Sibia Medical Centre.

### Osteoarthritis - Key points

Degenerative joint disorder causing loss of articular cartilage, new bone formation (osteophytes) and capsular fibrosis.

Mean age of onset: Fifth decade of life.

More common in women - Female:Male = 3:1.

More common in weight bearing joints (lumbar spine, hip and knee joints).

Insidious onset.

Causes pain, swelling, grating sensation and deformity.

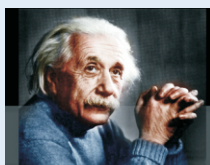
Healthy life style, diet, exercise and weight reduction reduces rate of progress of disease.



### Dr. APJ Abdul Kalam President of India

*The ideal practice should be to provide only the minimum essential treatment instead of going in for surgical intervention as a routine management of the disease.*

**Albert Einstein** the most influential physicist of the 20th century won the Nobel Prize for Physics in 1921 for his explanation. He wrote:



### Quantum of electromagnetic energy

Scientists also discovered that this DNA map or formula is a function of the bio-energetic field that exists in parallel with the physical body. This bio-field is a map of energy structure that contains the architecture and conditions to construct a physical entity in space and also it is a formula to repair the structures that are damaged or destroyed.

*Cytotron has made possible what Einstein proposed*



### Thanks to Dr. R. V. Kumar

We are thankful to Dr. R.V. Kumar for providing us the opportunity to serve mankind. He is the inventor of Cytotron and in our view a deserving Nobel Price winner. His invention has changed the way we treat.

### NO-SURGERY FACILITIES

- Avoid Heart Bypass Surgery - ACT & ECP.
- Remove Kidney stones with rays - Lithotripsy (ESWL).
- Knee Joint arthritis pain - Avoid Knee replacement with Cytotron.
- No side effect cancer treatment - RFQMR.
- Detoxification - Chelation Therapy.
- Immunity, etc - Ozone Therapy.
- Backache - Computerized Spinal Table.

### Helping walk again comfortably

#### REVOLUTIONARY

**Breakthrough:** Cartilage regrowth made possible.

**Patient benefit:** Walk & climb stairs comfortably.

**Method:** Rays focused 1 hour daily for 21 days.

**Safe & Comfortable:** No pain or side effects.

In advanced osteoarthritis avoid knee replacement

In early osteoarthritis reverse and avoid crippling.

**Proven results:** MRI and X-ray documented.

With invention of Cytotron, joint replacement surgery should be considered only when the safe and non traumatic treatment with RFQMR is not possible.

- Dr. Sibia

**PIONEERS**

### Sibia Medical Centre

is the first

### Cytotron Centre

established after the clinical trials at the Institute of Aerospace Medicine, Bangalore.



Caring from the Heart

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