

# **Is the orthopaedic operation necessary...?**

## **Ortopedik operasyon gerekli mi ?**

Orthopaedic problems  
in the hip and knee arthroplasties in Elderly

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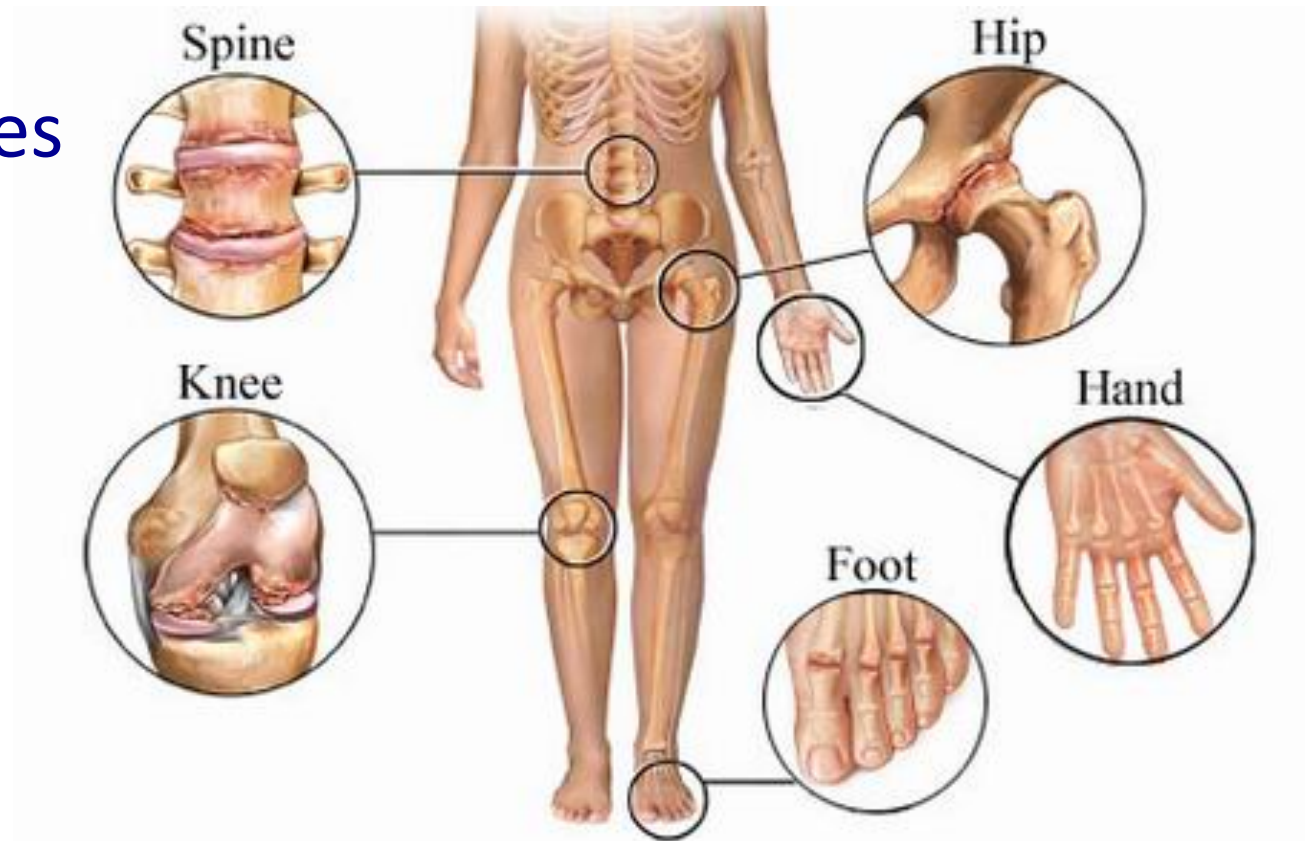
*Hand & reconstructive surgery*

*Orthopaedic & Trauma*

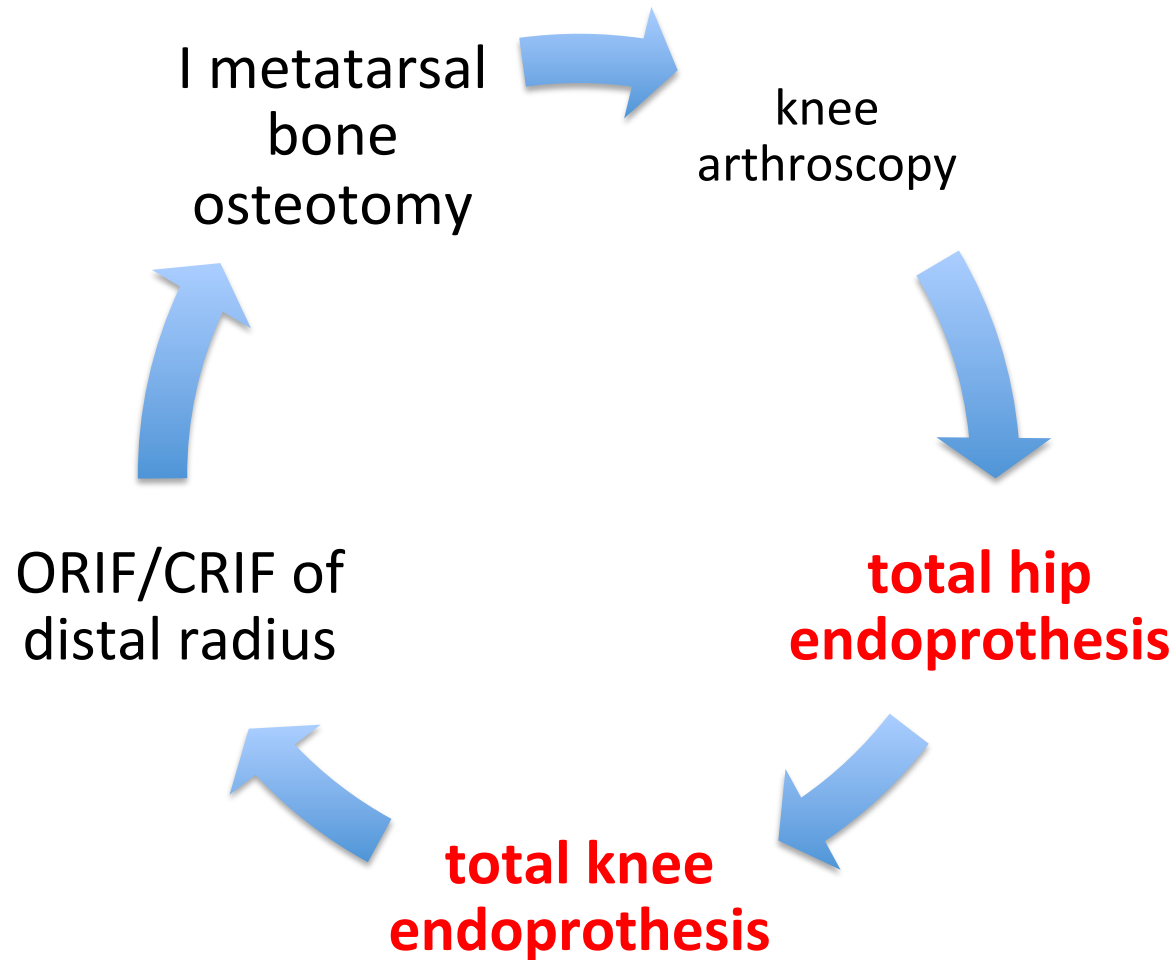
*Medical Practice, Gdańsk, POLAND*

# The most commonly orthopaedic problems

- **hip and knee arthritis**
- **hip fractures**
- radius fractures
- spine arthritis
- Hallux valgus
- RZS



# The most commonly performed orthopaedic operations



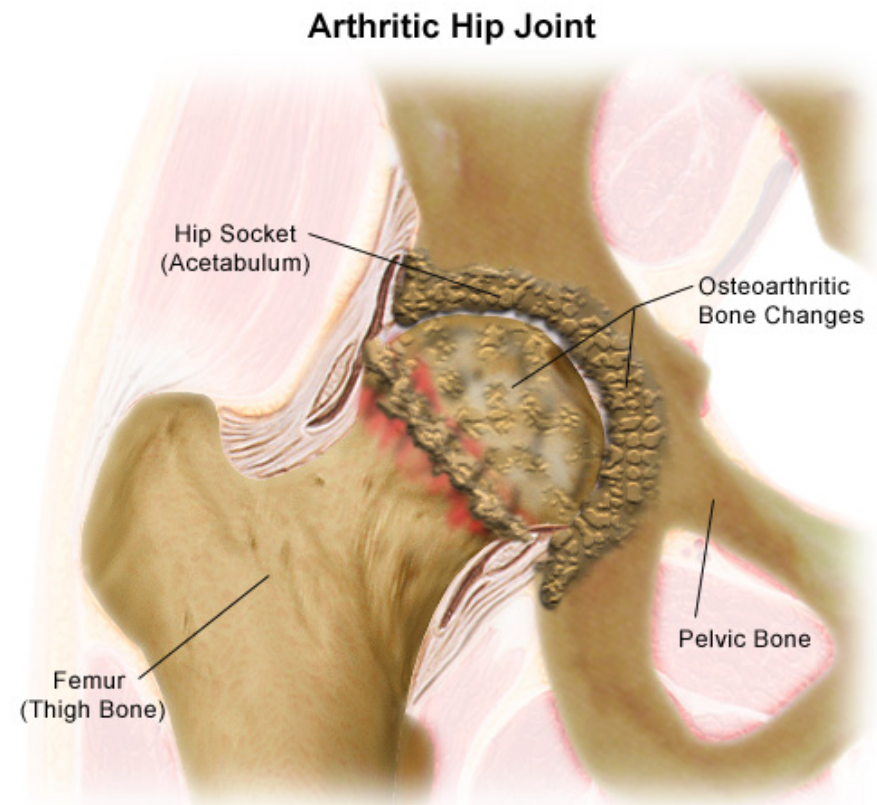
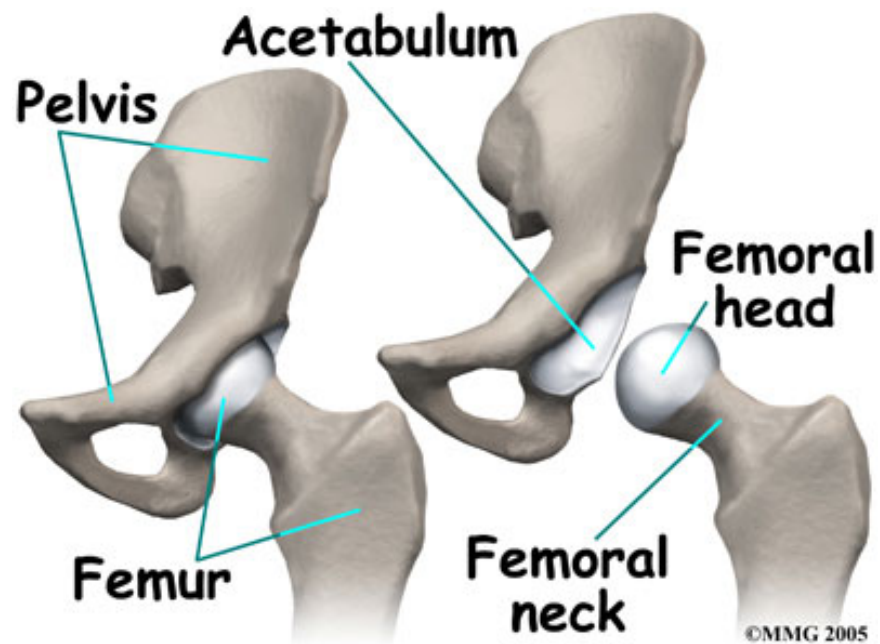
# What do You need when You're going to orthopaedist?

- Tell me **what's wrong**
  - When did the symptoms start?
  - Did You have any trauma...?
- **X-rays** pictures **important**
- CT or MRI scans
- What kind of **medications** do You take?  
**important** e.g. aspirin (antitrombotic drugs)



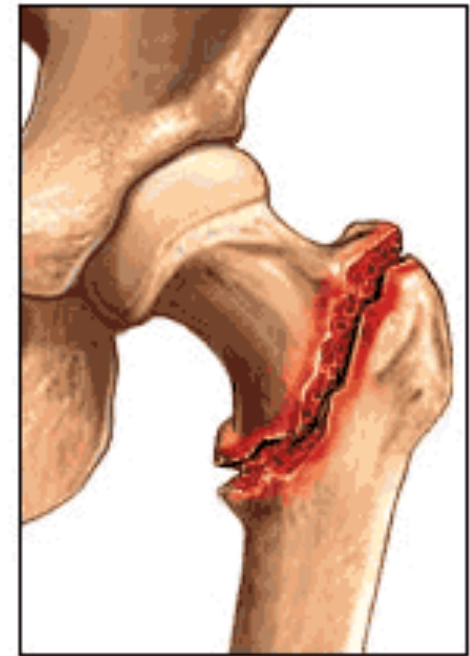
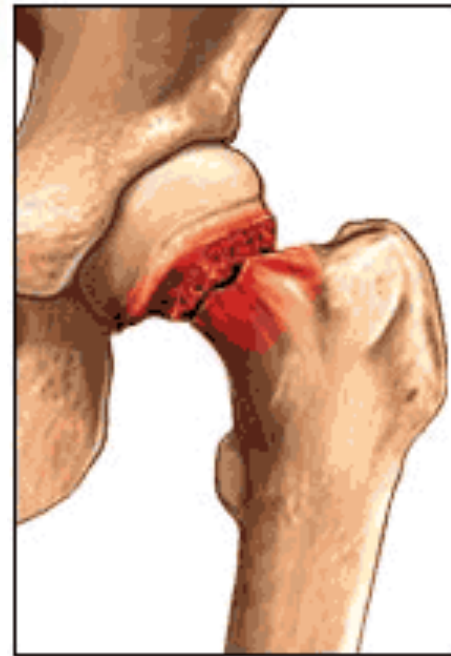
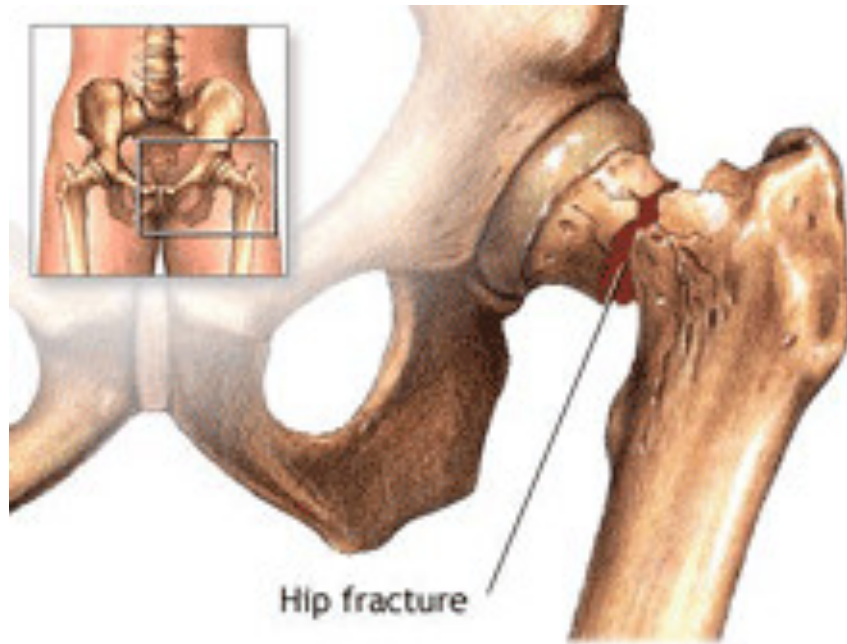
# DIAGNOSIS

## hip arthrosis:



# DIAGNOSIS

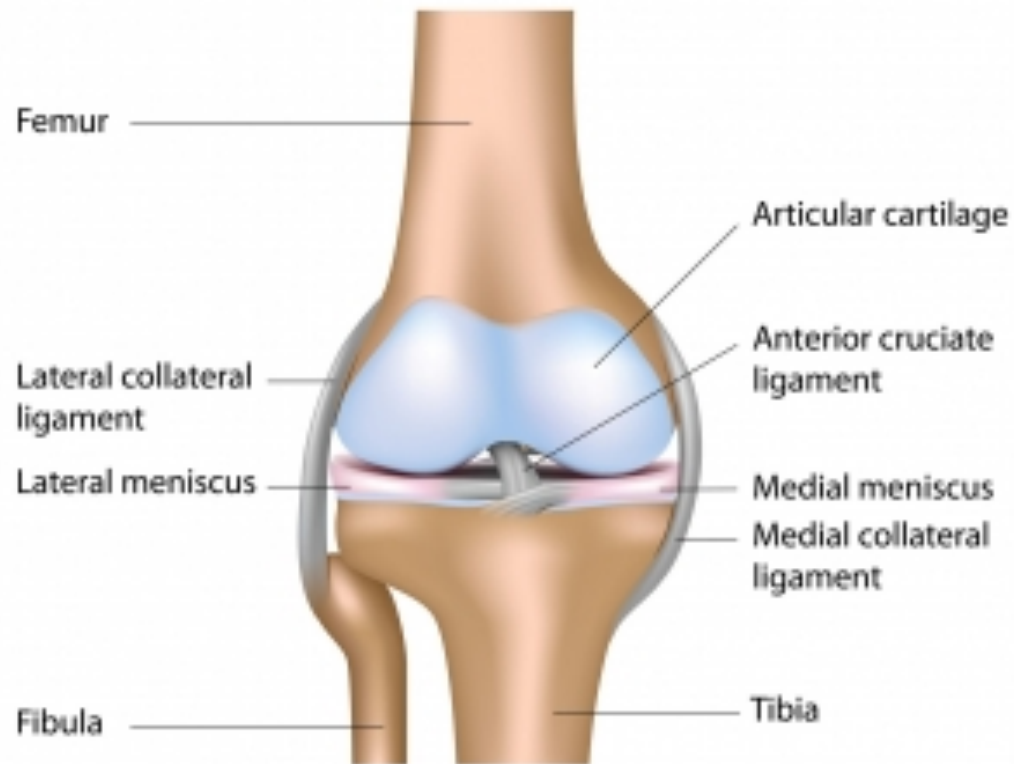
## hip fractures:



# DIAGNOSIS

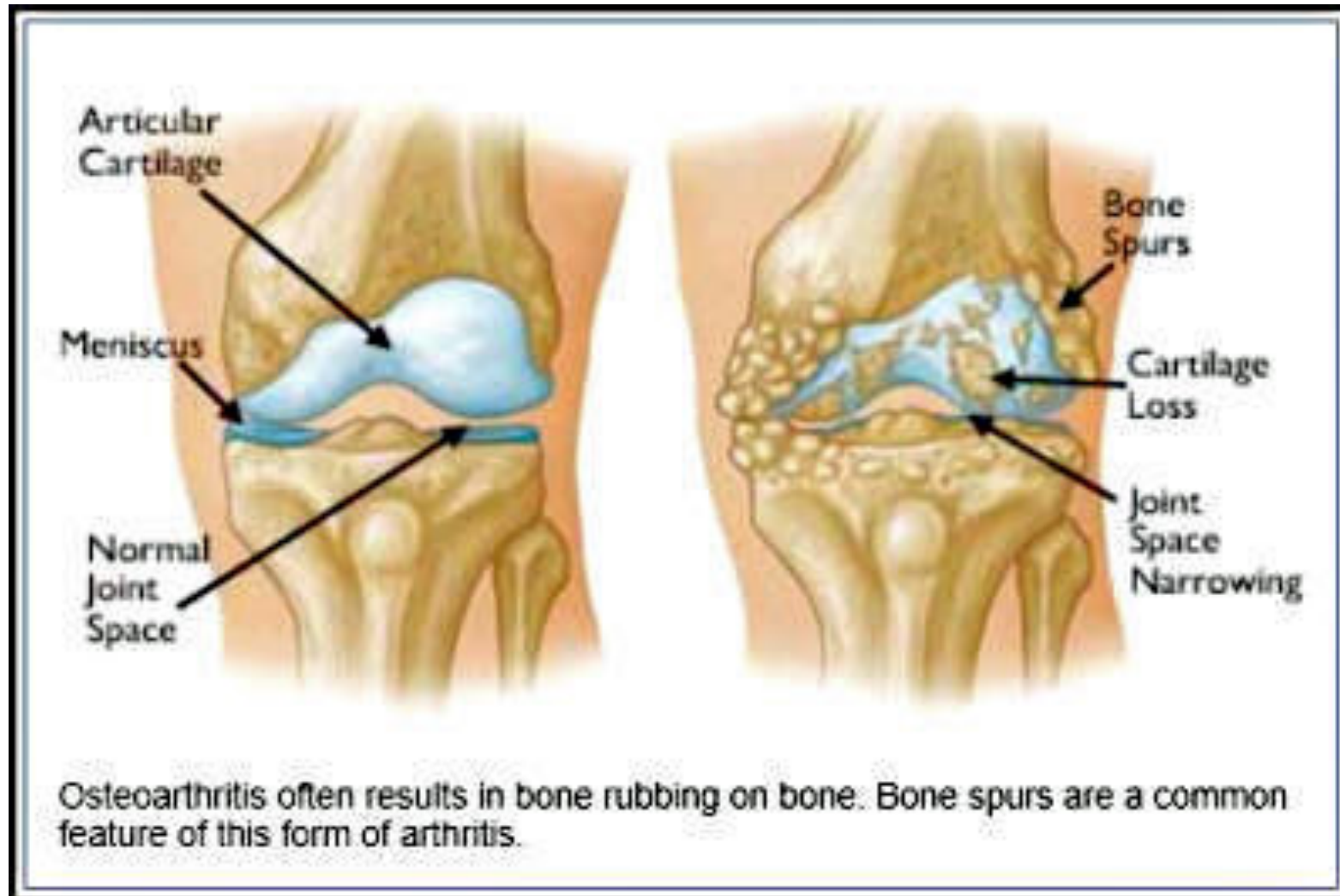
## knee arthrosis:

Anterior view of the right knee

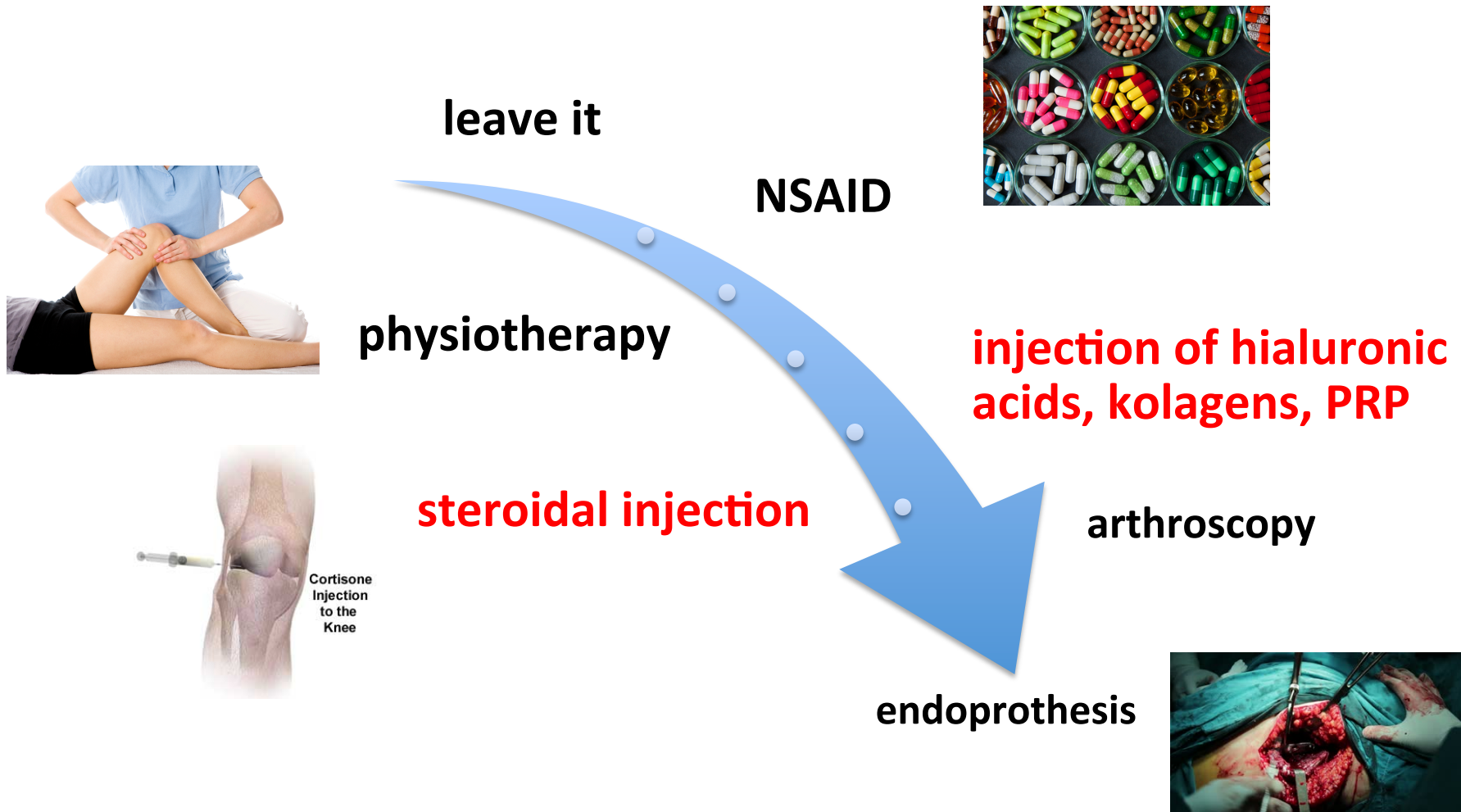


# DIAGNOSIS

## knee arthrosis:

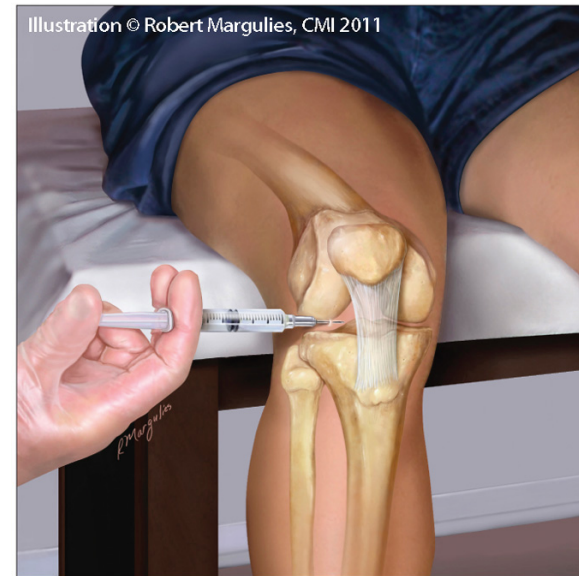


# AFTER DIAGNOSIS choice of procedure:

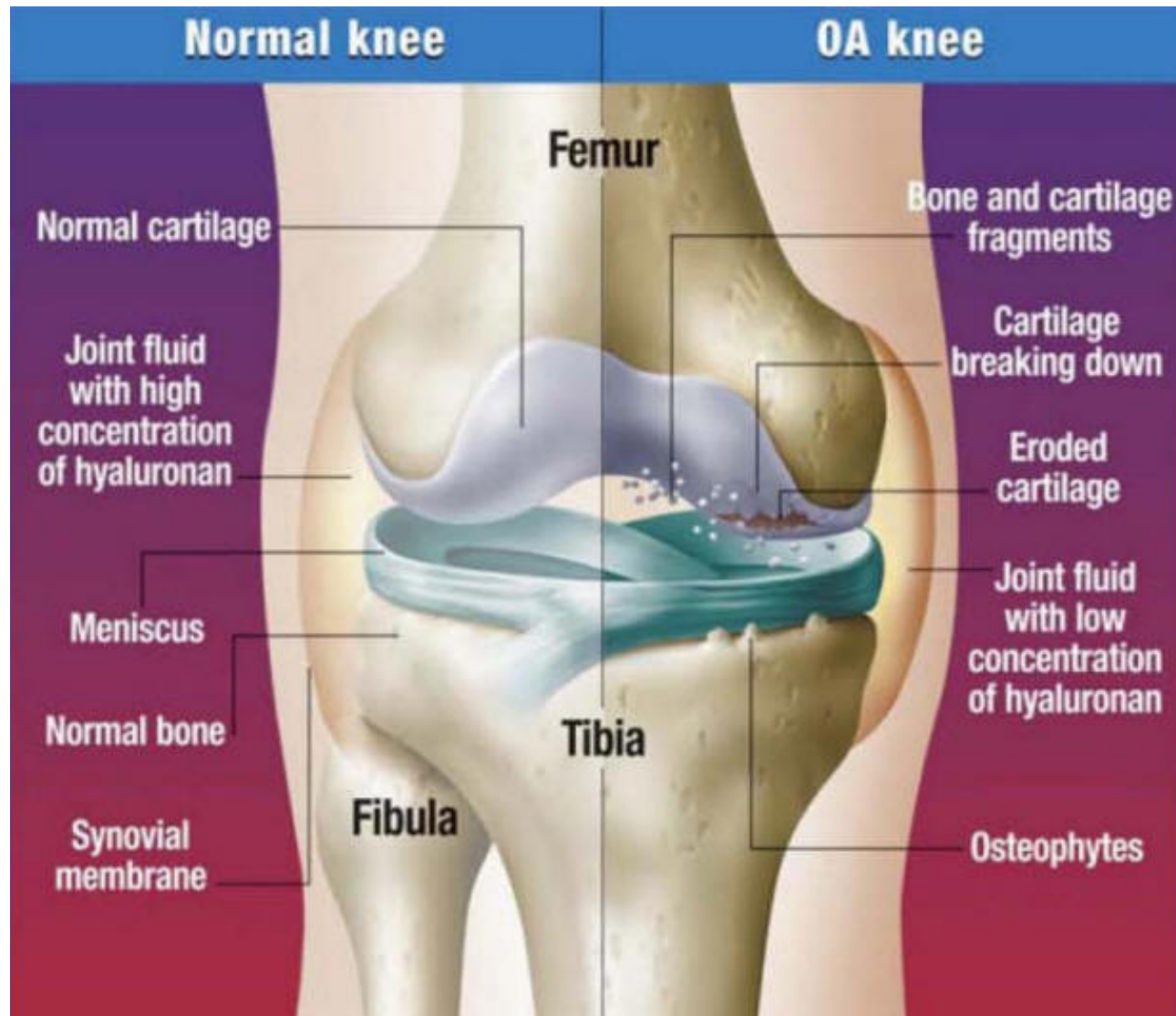


# Minimally invasive procedures

- **injection of hialuronic acids, kolagens, PRP (1-5x)**
  - restoration of structures
  - restoration of the articular surface
  - improve the slip
  - elimination of pain
- **steroidal injection (1-3x)**
  - elimination of pain
  - anti-inflammatory
  - temporary solution



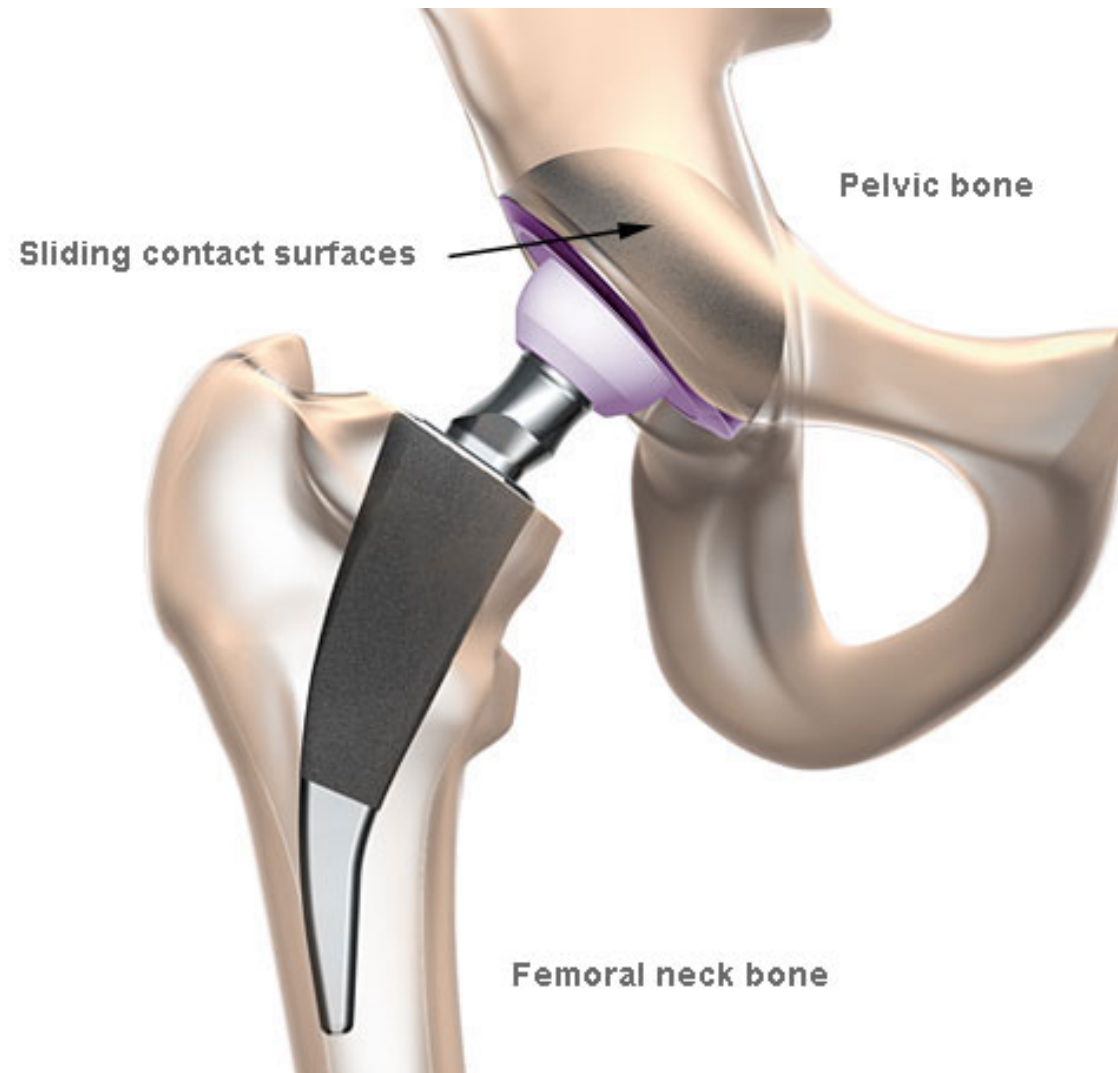
# Minimally invasive procedures



## When You need an operation:

- hip fractures (fractures of colli femoris)
- **pain wakes you up at night**
- you need to take 4 or more painkillers per day
- injection of steroids, collagen, hyaluronic acid do not work
- you can't no longer walk

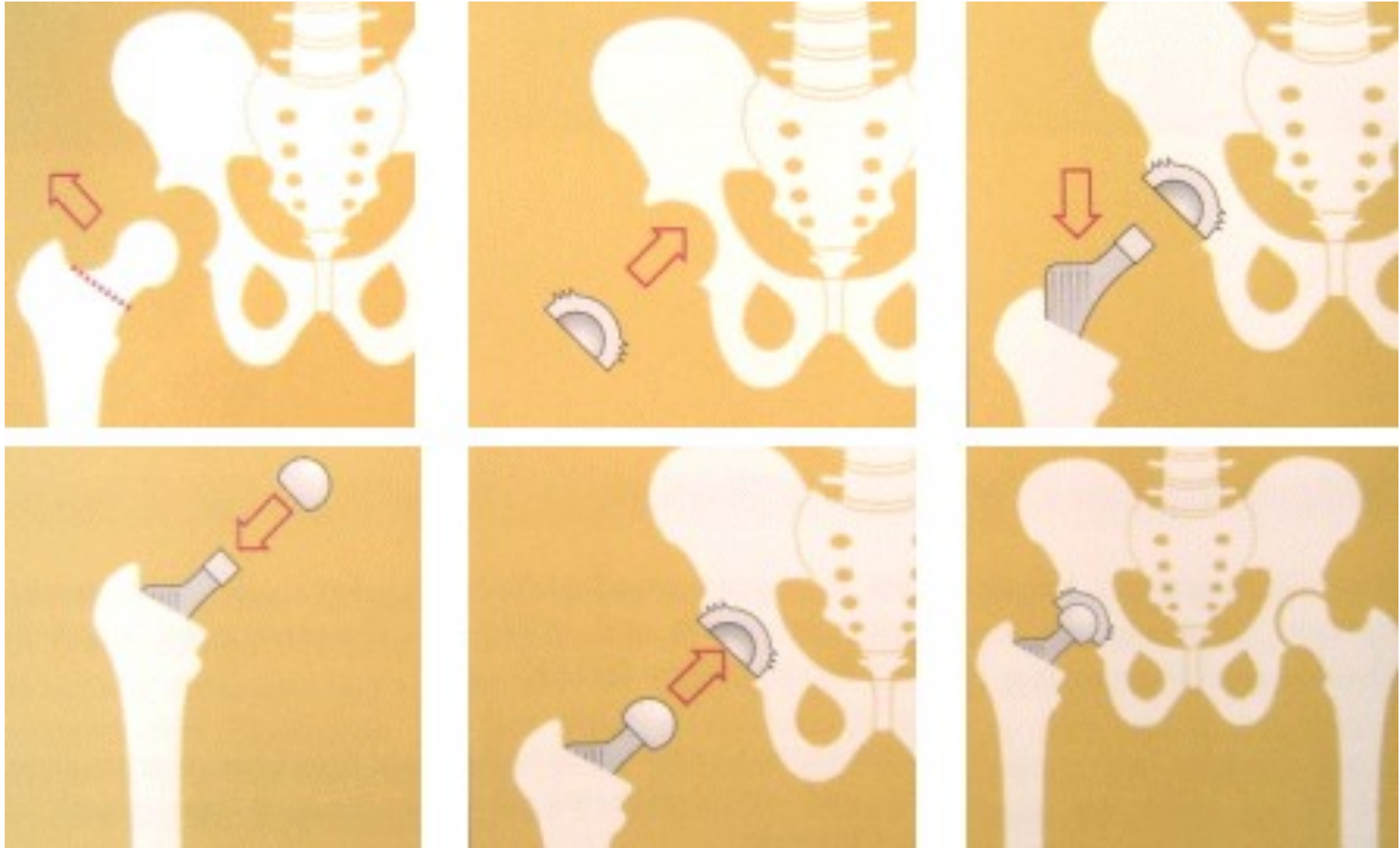
# HIP ENDOPROTHESIS



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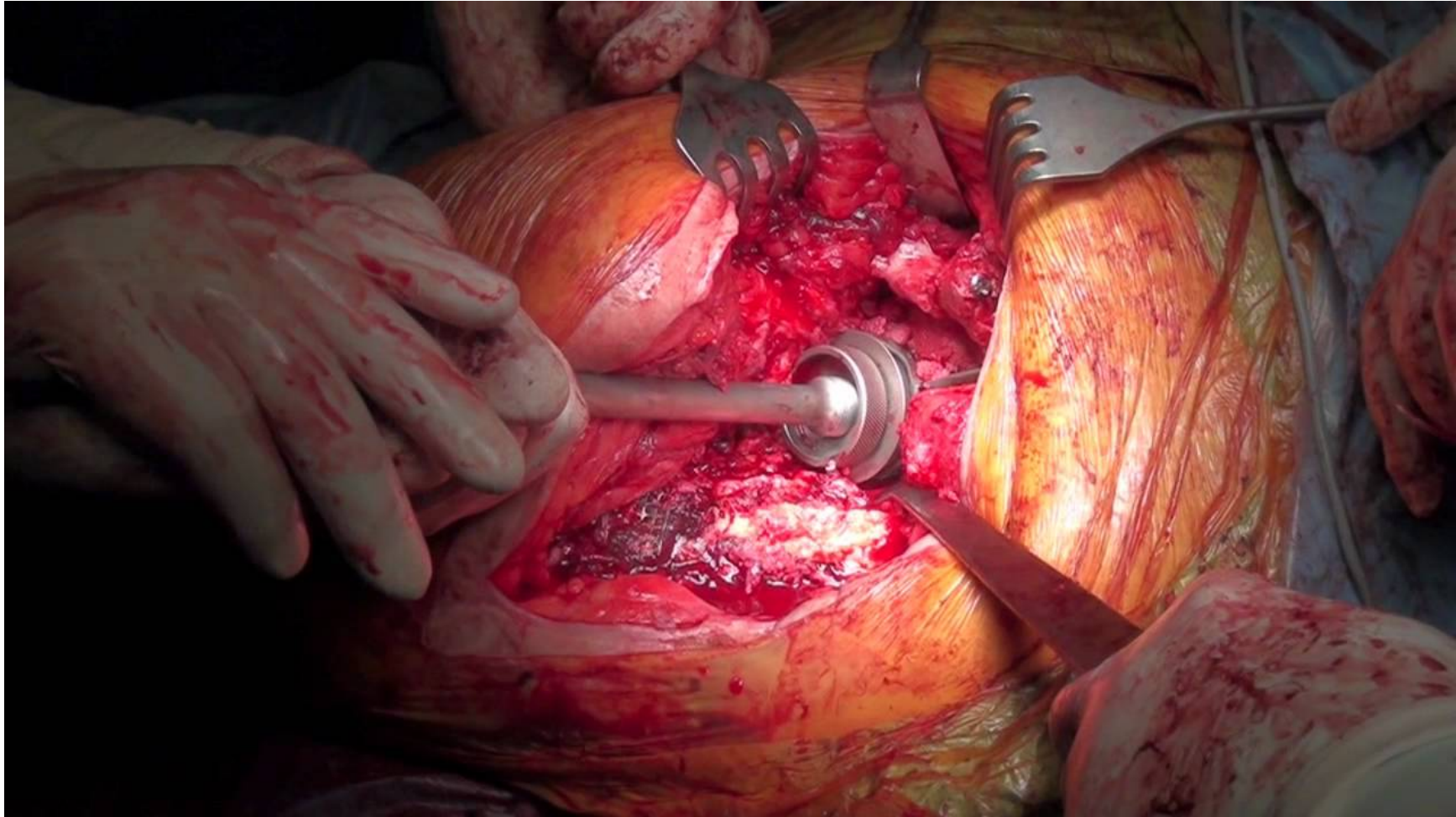
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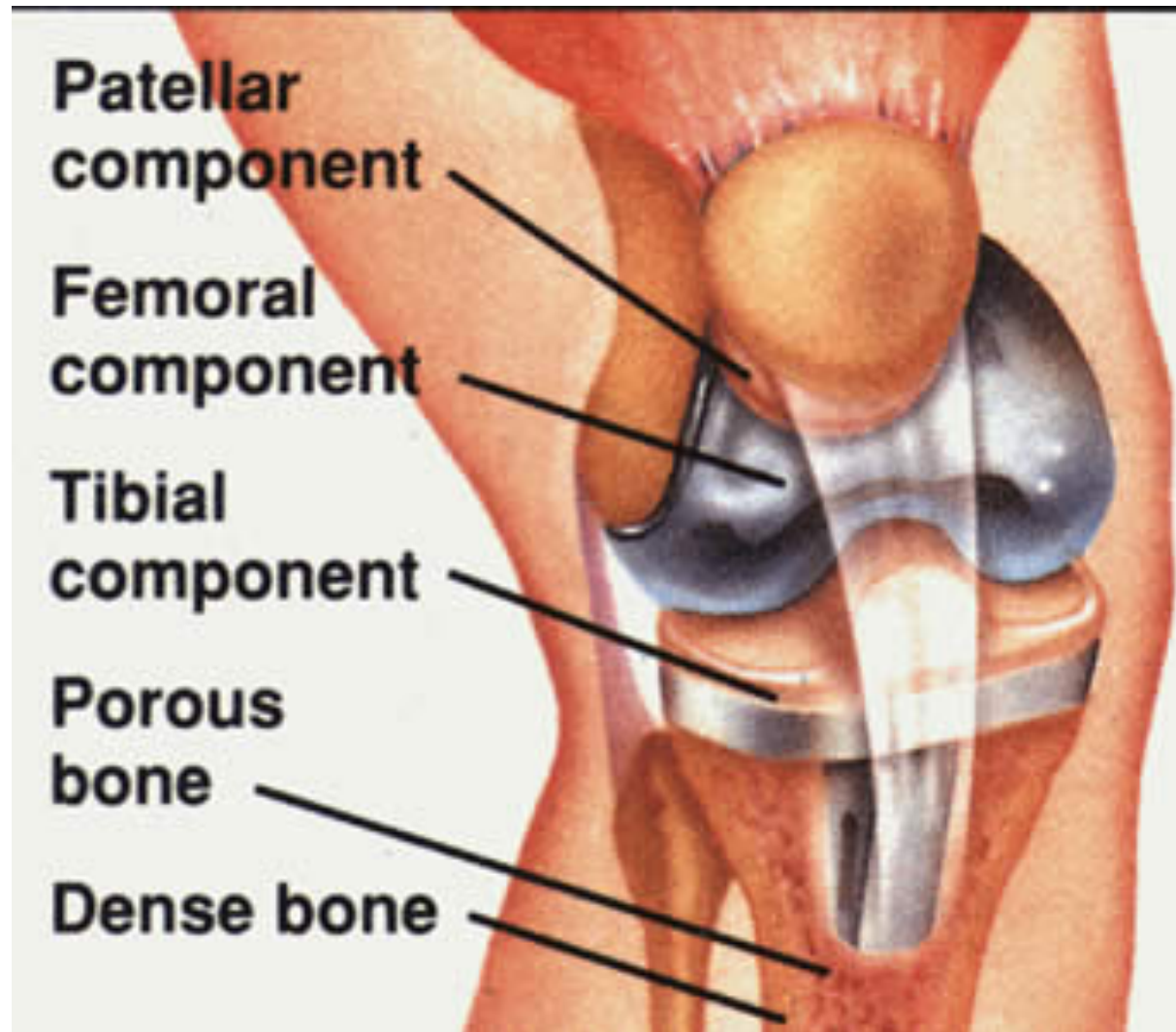
# KNEE ENDOPROTHESIS



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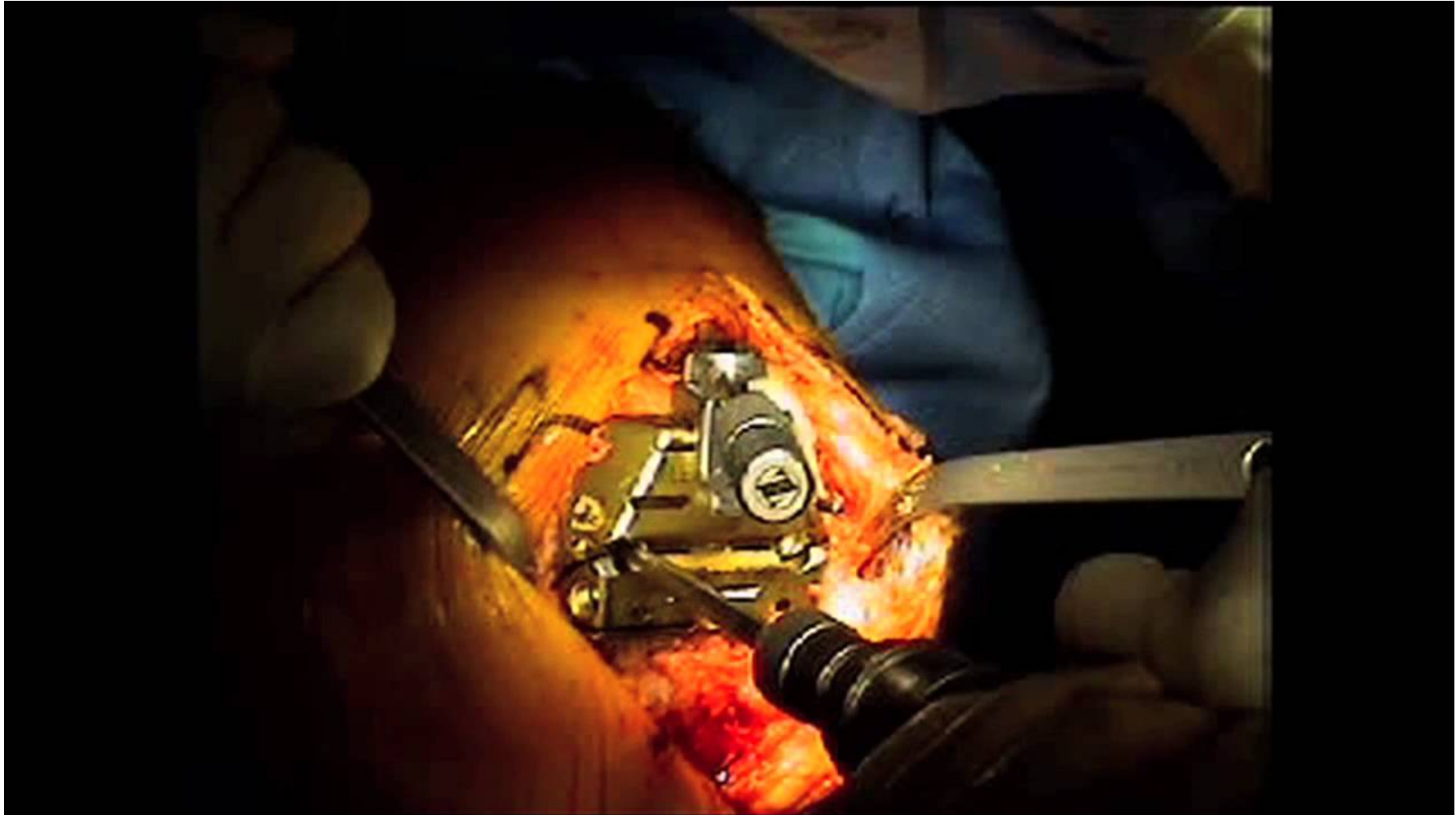


**PRE-OP**

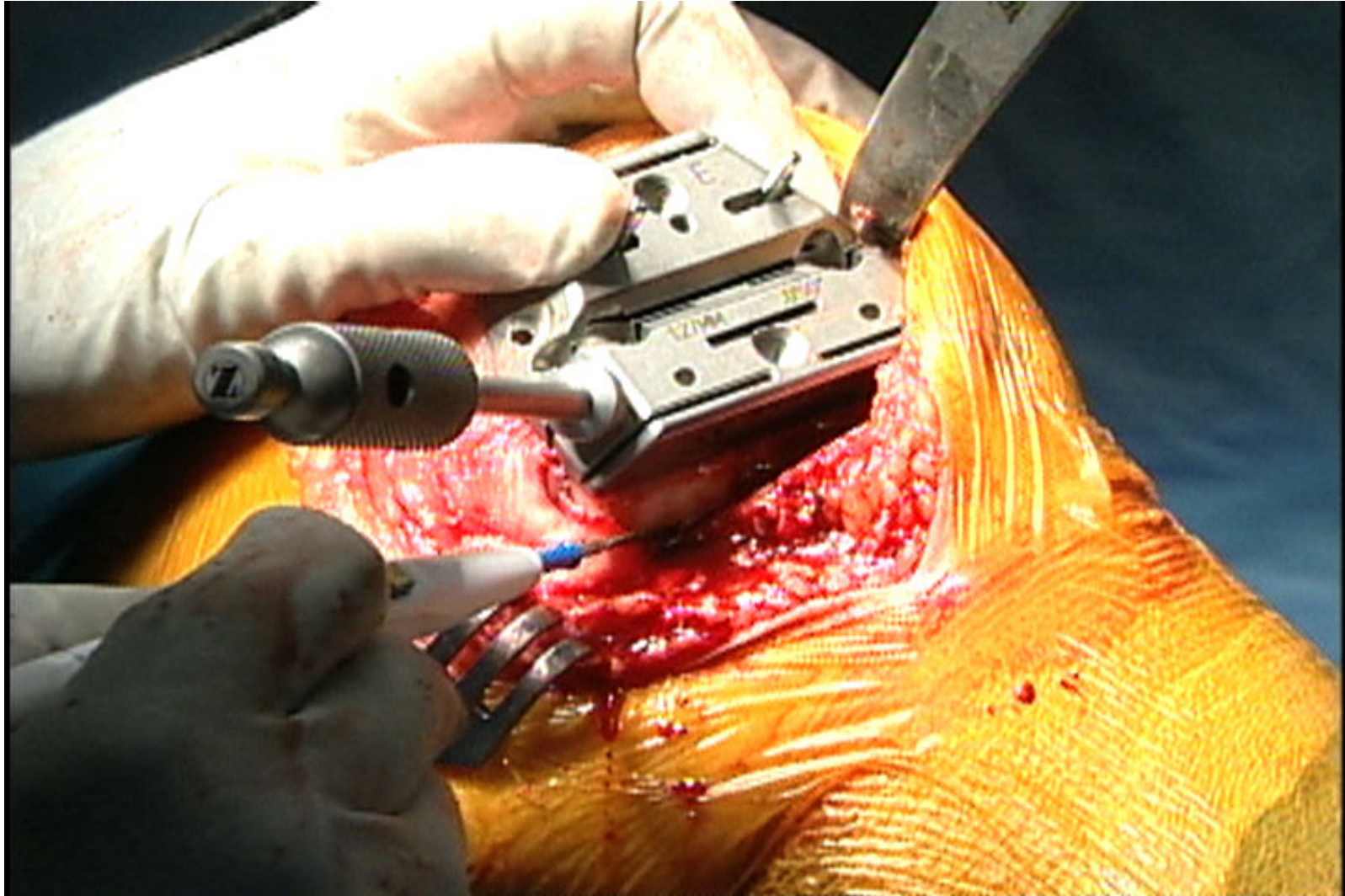


**POST-OP**

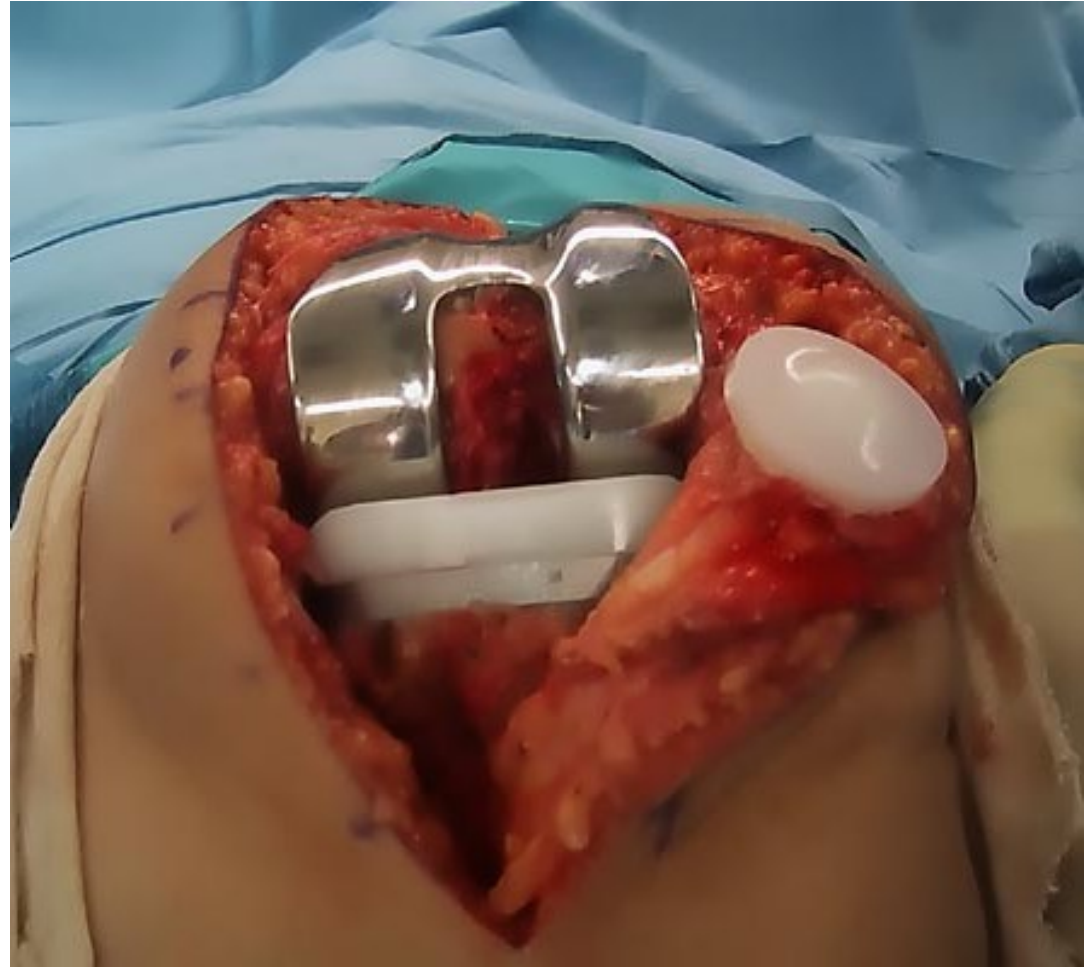
# KNEE ENDOPROTHESIS



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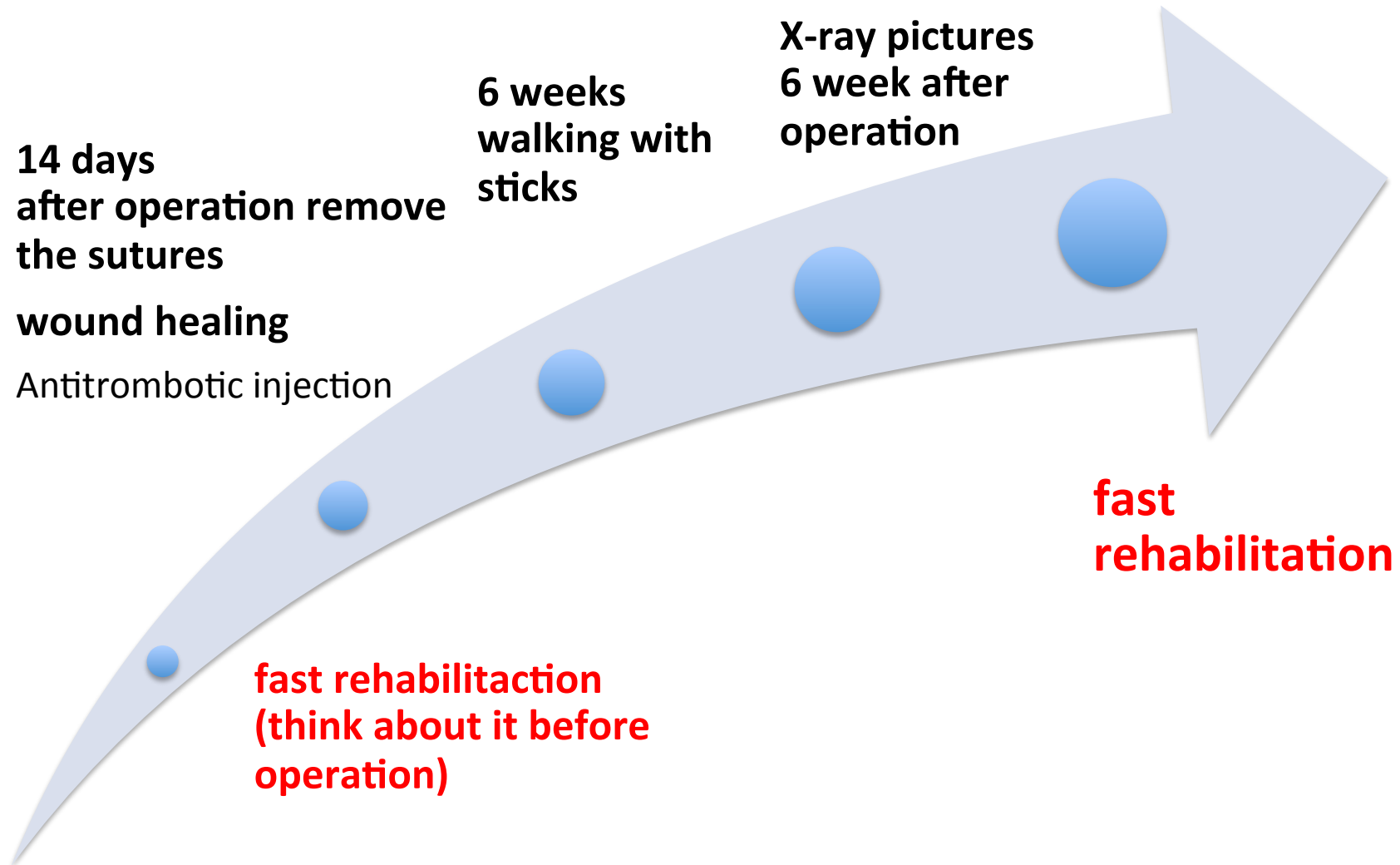


# KNEE ENDOPROTHESIS

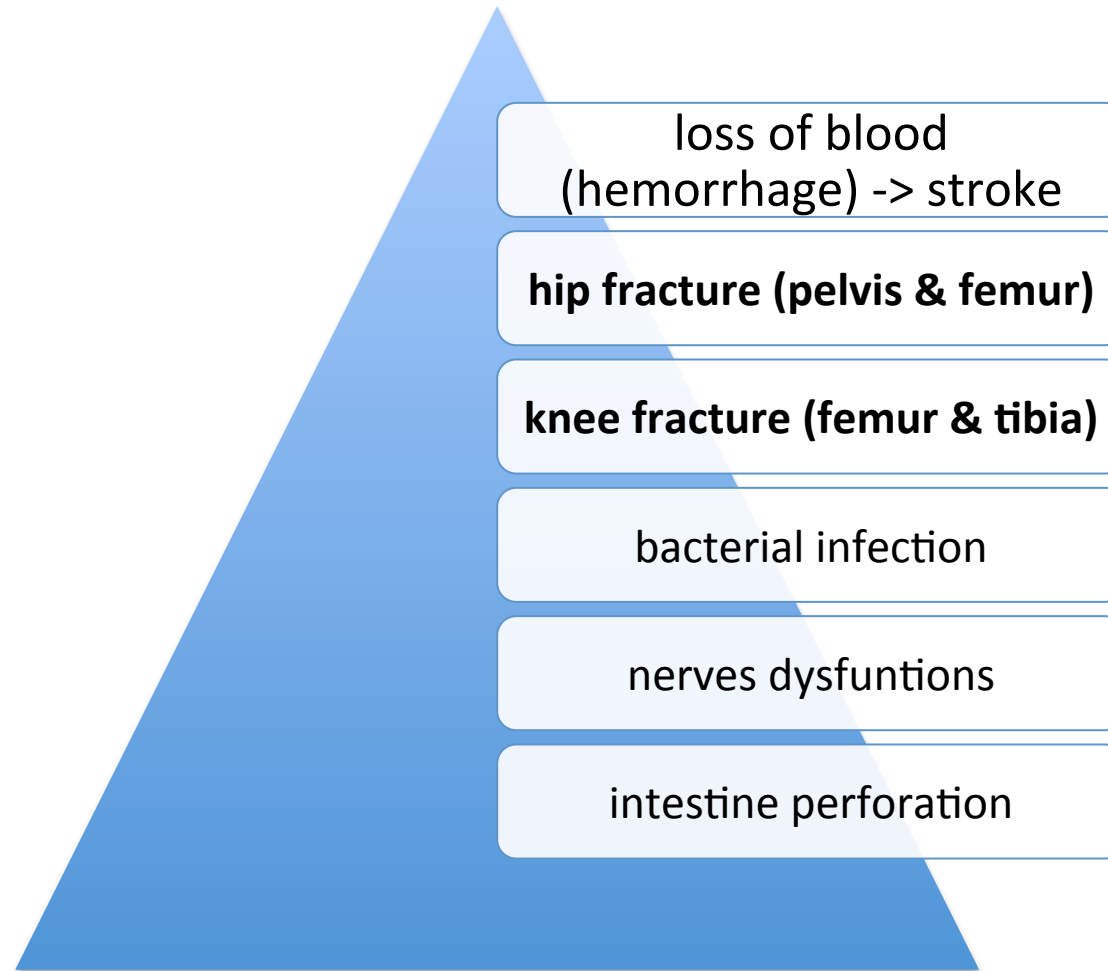
## What after operation?



# AFTER hip nad knee operation:



# COMPLICATIONS during operation



# COMPLIKATIONS AFTER OPERATION

**Pain (6 weeks)**  
**50% -> after**  
**15%**

**Leg lengthening**  
**or shortening**  
**10%**

**It can be worse**  
**stiffness**  
**10%**

**hematoma**  
**5-10%**

**Bacterial**  
**infection**  
**2-10%**

**Implant**  
**dislocations**  
**5%**

**Periprosthetic**  
**fractures**  
**5%**

**Nerves**  
**dysfuntions**  
**5%**

**Bad wound**  
**healing**  
**2%**

# IMPORTANT

- Knee replacement is more bigger operation than hip replacement
- 2-3 months before operation you can give your blood to the Bank of blood for future for you if it will be necessary during/after operation:

**Your blood is better for You  
than blood from other people**

- Time: waiting for operation in our city:  
2-6 years depent of the hospital

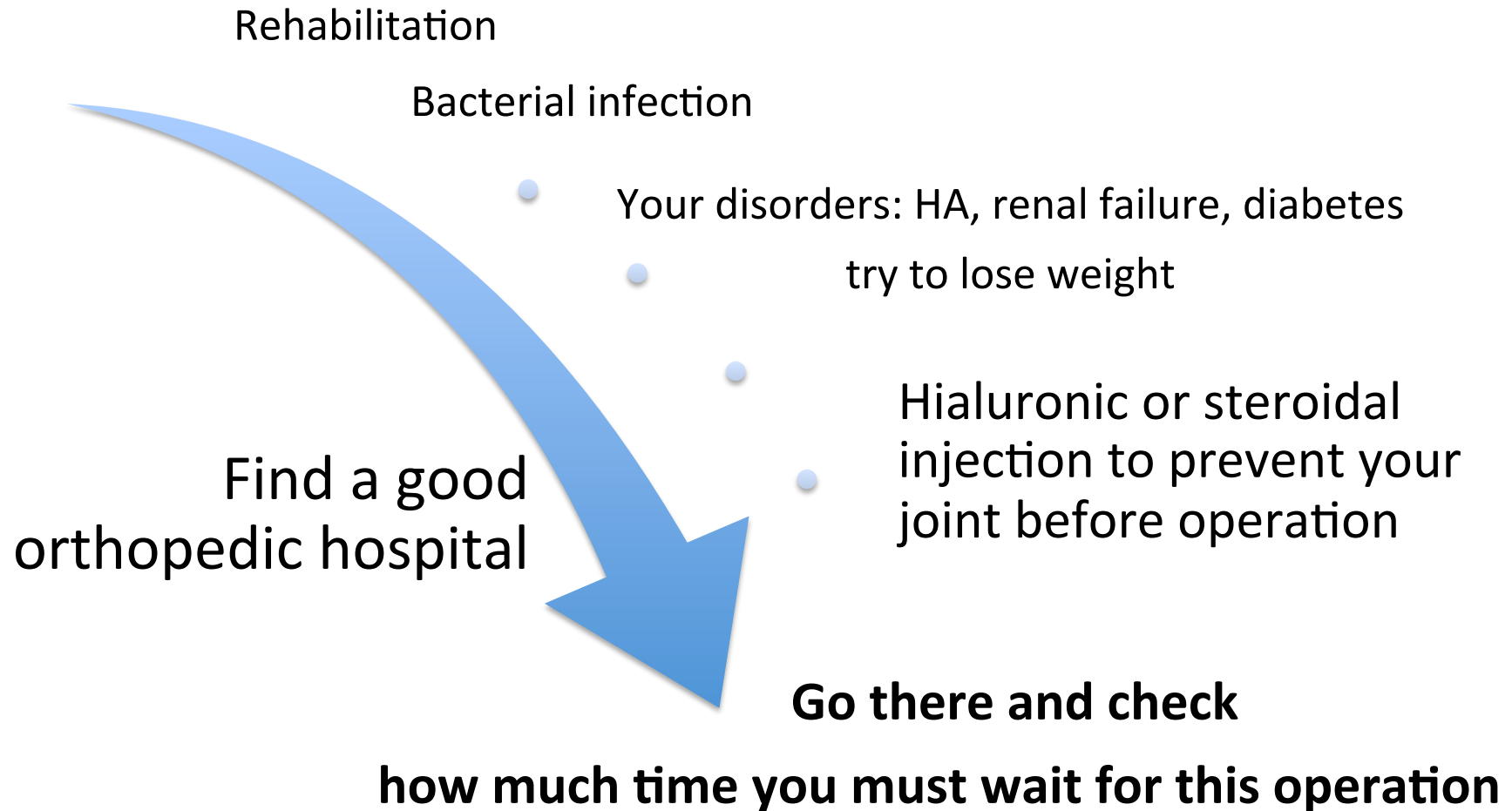
# IMPORTANT

- Take your medication with yourself to the hospital e.g. HA drugs
- Don't forget about stick which help you walking after operation
- Find good rehabilitation department
- Go to pharmacy and buy:
  - Sterile dressings
  - Disinfectants (need after operation)

# **IMPORTANT before operation**

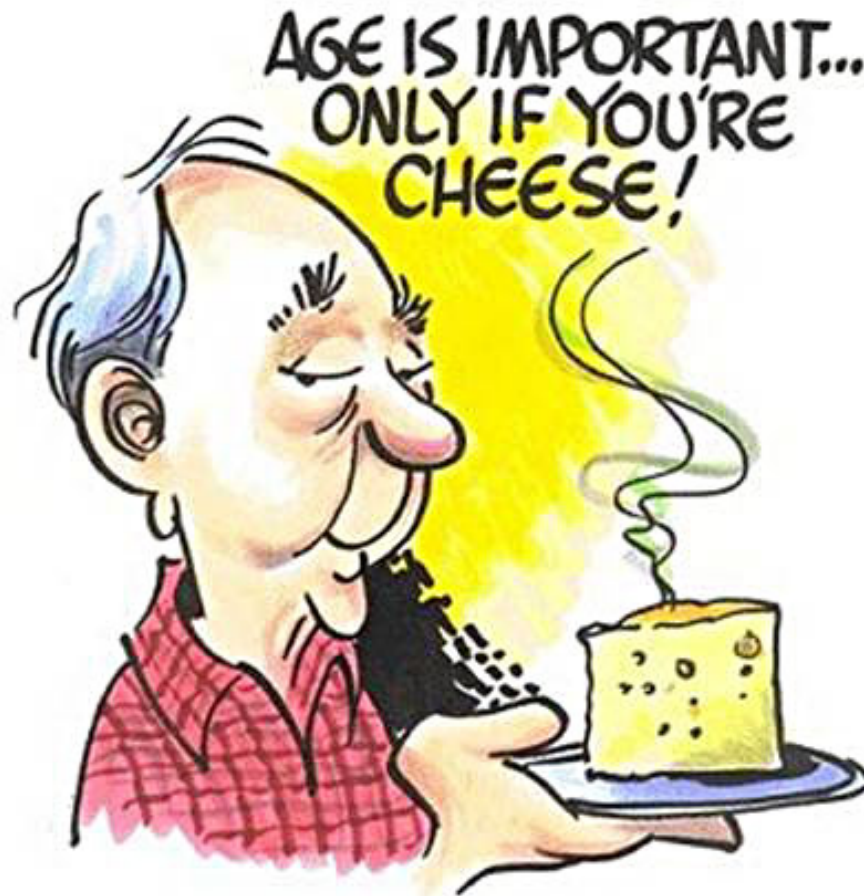
- You must be healthy:
  - No bacterial infection (14days prior operation)
  - No viruses infection
  - Normal blood pressure
  - No renal failure
  - Good glucose levels
  - Skin before operation must be clean, dry without any changes e.g. (scratches, bruises)

# THINK ABOUT?



## QUESTION?

Do I really need the hip or knee endoprosthesis?





**THANK YOU for attention**