

PERIPROSTHETIC FEMORAL FRACTURES AROUND HIP ARTHROPLASTIES

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ABSTRACT

PERIPROSTHETIC FEMORAL FRACTURES ARE THE MOST COMMON FRACTURES IN HIP ARTHROPLASTIES AND REPRESENTS THE THIRD CASE OF REVISION OF THE HIP. THEIR NUMBER INCREASES CONTINUOUSLY AND PRIMARILY AFFECTS WOMEN.

TREATMENT OF THESE FRACTURES CAN BE CHALLENGING IN A PATIENT POPULATION THAT TYPICALLY PRESENTS WITH MANY COMORBIDITIES.

METHODS:

THE AUTHORS ANALYSE THE CASES FROM THE PERIOD 2000-2009 AND INCIDENTS RELATED TO INSTALLATION DISTINGUISHED THE FIRST RODS FEMORAL, VIOLENT TRAUMA INDUCED FRACTURES AND FRACTURES WHICH OCCUR AFTER THE REDUCTION OF MECHANICAL CONDITIONS MARKED BY FIXATION OF THE PROSTHETIC COMPONENTS.

ARE NEW ANALYZE FACTORS CONTRIBUTING TO THE EMERGENCE OF PERIPROTETICE FRACTURES

THE FRACTURE TYPE WAS DETERMINED BY THE VANCOUVER CLASSIFICATION.

THE RESULT OF THE TREATMENT IS ASSESSED USING THE SCALE OF MERLE D AUBIGNE

CASES WERE TREATED BY OSTEOSYNTHESIS AND REVISION ARTHROPLASTY.

THERAPY WITH ANTIBIOTICS FOR 24 HOURS, TREATMENT AND PATIENT VERTICALIZAREA OF THE ANTITROMBOTIC SIXTH DAY CONTRIBUTED TO THE REDUCTION OF POSTOPERATIVE COMPLICATIONS?

RESULTS:

STABILITY OF FEMORAL STEM ALLOWS OSTEOSYNTHESIS.

THE QUALITY OF THE BONE AND THE EARLY REPRIZE OF PHYSICAL ACTIVITY HAVE LED TO THE BONE INTEGRATION AND STABILITY OF FEMORAL COMPONENT.

BREAKING MATERIAL OF OSTEOSYNTHESIS HELD GOOD WHEN NOT ACHIEVED STABILITY OF THE OUTBREAK.

COMORBIDITY AND BLOOD LOSS DOES NOT ALLOW EARLY RESUMPTION OF THE EFFORT.

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ARE DISCUSSED: THE FUNCTIONAL MUSCLE FAILURE, CHANGES OF STATIC, BALANCE DISORDERS, CIRCULATORY DISORDERS, CHANGES IN REGIONAL MECHANIC AND BIOLOGICAL COMPOORTAMENTULUI AND GROUNDS FOR THE SURGEON-DEPENDENT ERROR.

CONCLUSIONS:

PERIPROSTHETIC FEMORAL FRACTURE DEPEND ON IMPORTANT FACTORS: FALL, STABILITY OF IMPLANT, QUALITY OF BONE STOCK.

PERIPROSTHETIC FEMORAL FRACTURE TREATMENT DECISIONS DEPEND ON IMPORTANT FACTORS: FRACTURE LOCATION, STABILITY OF IMPLANT AND FRACTURE, QUALITY OF HOST BONE STOCK, PATIENT PHYSIOLOGY, AND SURGEON EXPERIENCE.

KEYWORDS: PERIPROSTHETIC FRACTURES, OSTEOSYNTHESIS , REVISION ARTHROPLASTY