Surgical management of Osteochondral Lesions of the Talus

Thesis

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بحث مقدم توطئة للحصول على درجة الدكتوراة فى جراحة العظام

مقدمة من

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LIST OF ABBREVIATIONS

ACI	Autologus Chondrocyte Implantation
AMIC	Autologus Membrane Induced Chondrogenesis
AOFAS	American Orthopaedic Foot and Ankle Society
AOFAS score	American Orthopaedic Foot and Ankle Society (AOFAS) Ankle-Hindfoot Score
AVN	Avascular necrosis
BME	Bone Marrow Edema
BMDCT	Bone Marrow Derived Cells Transplantation
CT	Computed Tomography
dGEMRIC	delayed Gadolinium-enhanced MRI of Cartilage
EMA	European Medicines Agency
EM	Electron Microscope
FDA	US Food and Drug Administration
HA	Hyaluronic acid
GAGs	Glycosaminoglycans
HLA	Human Leucocytic Antigen
MACI	Matrix-induced Autologous Chondrocyte Implantation
MSAC	Medical services advisory committee
MRI	Magnetic Resonance Imaging
OATS	Osteochondral Autograft Transfer System or Osteoarticular Transfer System
OCD	Osteochondritis dissecans or Osteochondral Defect
OLT	Oseochondral Lesion of Talar dome
PJCAT	Particulated juvenile cartilage allograft transplantation
PXR	Plain X-ray
RF	Radio Frequency
ROM	Range Of Motion
SPECT	Single-photon emission computed tomography
STIR	short tau inversion recovery

APPENDIX

AOFAS Hindfoot score

Ankle-Hindfoot Scale (100points Total)

I Pain (40 points)

None	40
Mild, occasional	30
Moderate, daily	20
Severe, almost always present	0

II Function (50 points)

Activity limitations, support requirement	
No limitations, no support	10
No limitation of daily activities, limitation of recreational activities, no support	7
Limited daily and recreational activities, cane	4
Severe limitation of daily and recreational activities, walker, crutches, wheelchair, brace	0

Maximum walking distance, blocks	
Greater than 6	5
4-6	4
1-3	2
Less than 1	0

Walking surfaces	
No difficulty on any surface	5
Some difficulty on uneven terrain, stairs, inclines, ladders	3
Severe difficulty on uneven terrain, tairs, inclines, ladders	0