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ثبكة المعلومات الجامعية







# EVALUATION OF ANTERIOR CERVICAL MICRODISCECTOMY WITH OR WITHOUT BONE GRAFTING IN CERVICAL DISC DISEASES

Thesis Submitted In The Faculty Of Medicine
In Partial Fulfilment Of The Degree Of

#### **DOCTOR IN NEUROSURGERY**

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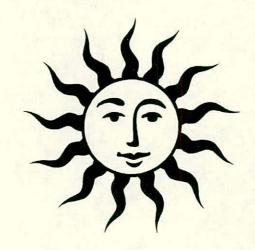
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## THIS WORK IS AFFECTIONATELY DEDICATED TO MY PARENTS AND FAMILY.

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#### Abbreviations;

Anterior cervical fractional interspace decompression	ACFID
Autolysed antigen-extracted allogeneic	AAA
Apatite-wollastonite glass-ceramic	A-W GC
Anterior cervical discectomy	ACD
Anterior root entry zone	AREZ
Bone-derived growth factor	BDGF
Bone morphogeneic protein	BMP
Biocompatible osteoconductive polymer	ВОР
Cartilage-derived growth factor	CDGF
Carbon fibre reinforced implant	CFR
Computed tomographic myelography	CTM
Demineralized bone matrix	DBM
Epidermal growth factor	EGF
Fibroblast growth factor	FGF
Gadolinium diethylenetriamine-pentacetic-acid	Gd-DTPA
Gradient echo	GE
Gradient recalled echo	GRE
Hydroxyapatite	НА
Human immune deficiency virus	HIV
Hard tissue replacement	HTR
Iliac graft	IG
Insulin-like growth factor	IGF
Macroporous biphasic calcium phosphate	MBCP
Methylmethacrylate	MMA
Modular segmental spinal-instrumentation	MOSS
Magnetic resonance imaging	MRI
Multiple sclerosis	MS
N Vinyl pyrrolidone	NVP
Osteoinductive factor	OIF
Ossified posterior longitudinal ligament	OPLL

#### Cervical Microdiscectomy

platlet-derived growth factor	PDGF
Polyhydroxyethylmethacrylate	PHEMA
Posterior longitudinal ligament	PLL
Polymethylmethacrylate	PMMA
Posterior root entry zone	PREZ
Radiofrequency	RF
Time constant 1	T1
Time constant 2	T2
Tricalcium phosphate	TCP
Transforming growth factor	TGF
Repetition time	TR

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