

Evaluation of Frontolateral Craniotomy via A Superciliary Skin Incision for Anterior Skull Base and Sellar lesions

Thesis

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ABSTRACT

The surgeons must keep in mind not to attempt acrobatics with a stake in gambling of the patient's life. If they feel unsure about which approach to use, the conventional approach may be more appropriate without risking the patients.

In summary the frontolateral craniotomy, together with the achievements of modern neuroanesthesia, CSF drainage, and microsurgical methods, is a safe technique in the hands of experienced neurosurgeons for the treatment of different lesions of the anterior cranial fossa, sella r and suprasellar regions.

Key Words :

Frontolotoral – Croniotsmuy eycbras Sellar , surprosellor

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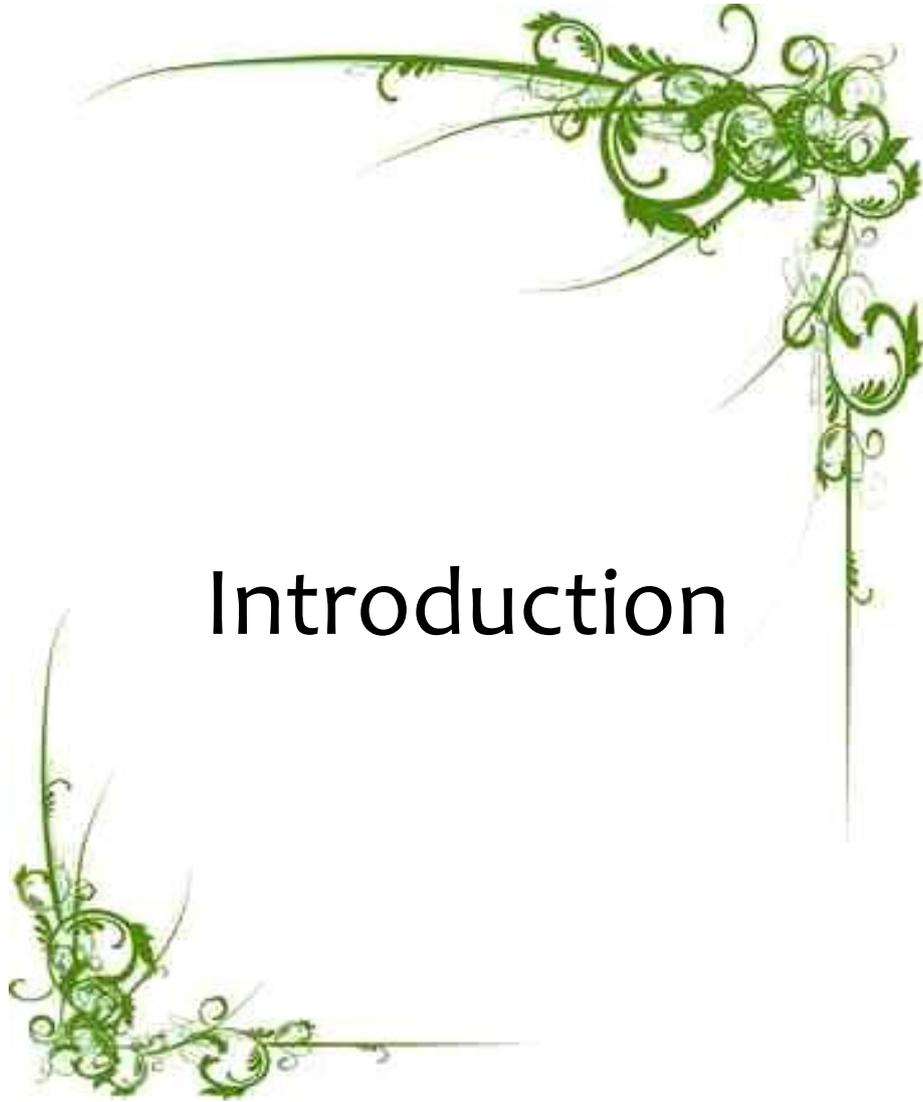
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List of Abbreviations

<:	Less than
>:	More than
1ry:	Primary
2ry:	Secondary
2nd:	Second
3rd:	Third
4th:	Fourth
5th:	Fifth
6th:	Sixth
A1:	First part of the anterior cerebral artery
A2:	Second part of the anterior cerebral artery
ACA:	Anterior cerebral artery
A-COM:	Anterior communicating artery
ACTH:	Adrenocorticotrophic hormone
ADH:	Anti diuretic hormone
AICA:	Anterior inferior cerebellar artery
AP:	Anteroposterior
AVM:	Arteriovenous malformation
BA:	Basilar artery
BBB:	Blood brain barrier
CNS:	Central nervous system
Cm:	Centimeter
CRH:	Corticotrophin releasing hormone
CS :	Cavernous sinus
CSF:	Cerebro-spinal fluid
CT:	Computerized tomography
CTA:	CT-angiography
FSH:	Follicle-stimulating hormone
GH:	Growth hormone
GHRH:	Growth hormone releasing hormone
GNRH:	Gonadotropin releasing hormone
ICA:	Internal carotid artery
ICP:	Intracranial pressure
LH:	Luteinizing hormone
M1:	First part of the middle cerebral artery
M2:	Second part of the middle cerebral artery

M3:	Third part of the middle cerebral artery
MCA:	Middle cerebral artery
mm :	Millimeter
MRA:	Magnetic resonance angiography
MRS:	Magnetic resonance spectroscopy
PCA:	Posterior cerebral artery
Pcom:	Posterior communicating artery
PRL:	Prolactin
SAH:	Subarachnoid hemorrhage
SPSS:	Statistical package of social sciences
SD:	Standard deviation
SCA:	Superior cerebellar artery
T.B :	Tuberculosis
T1W1:	T1-weighted image
T2W1:	T2-weighted image
U/S:	Ultrasound
VS:	Versus
WHO:	World Health Organization



Introduction