



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل

OPIOIDS IN PAIN MANAGEMENT

Essay

Submitted In Partial Fulfillment Of The Master Degree
In Anesthesia

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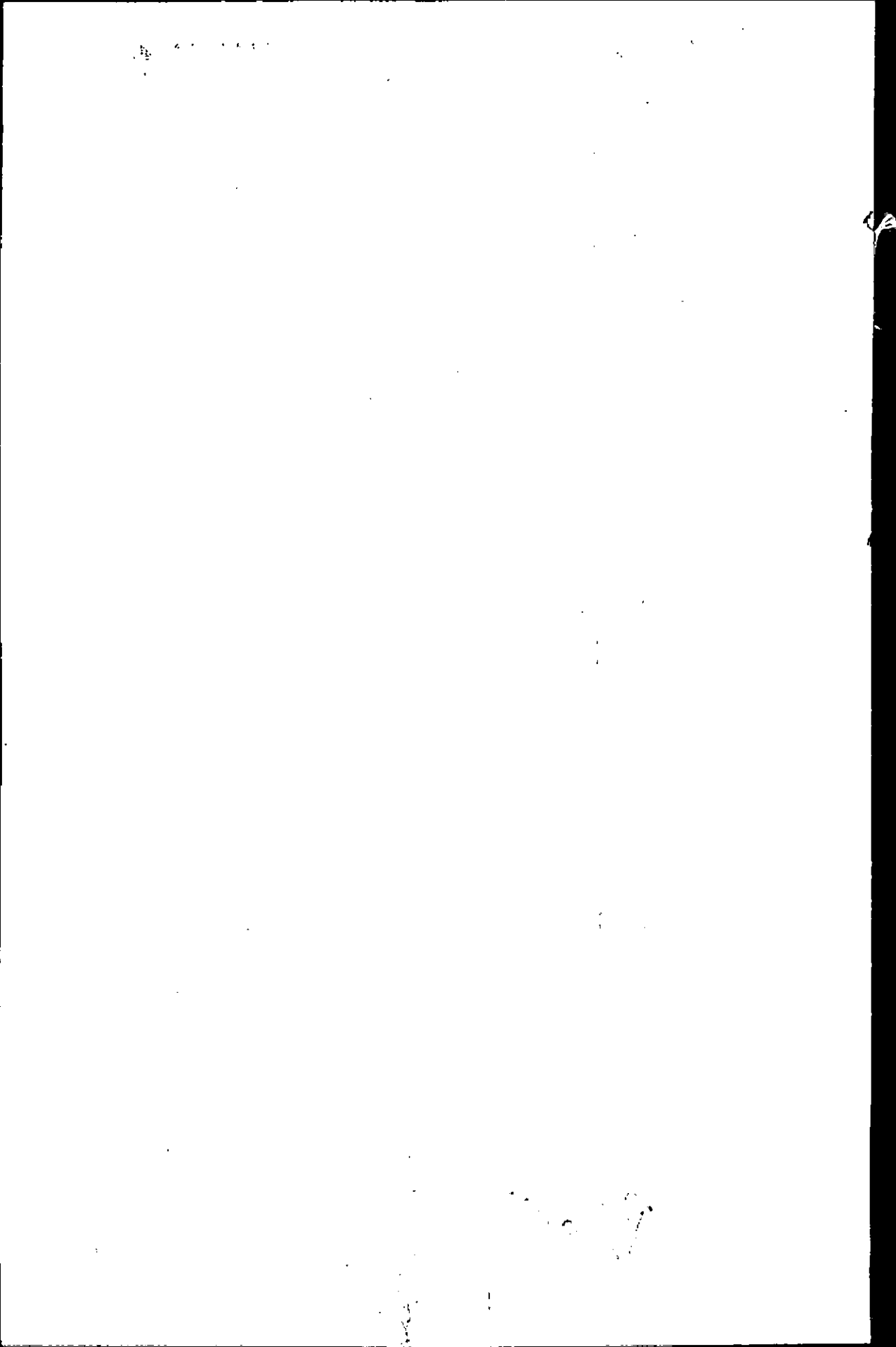
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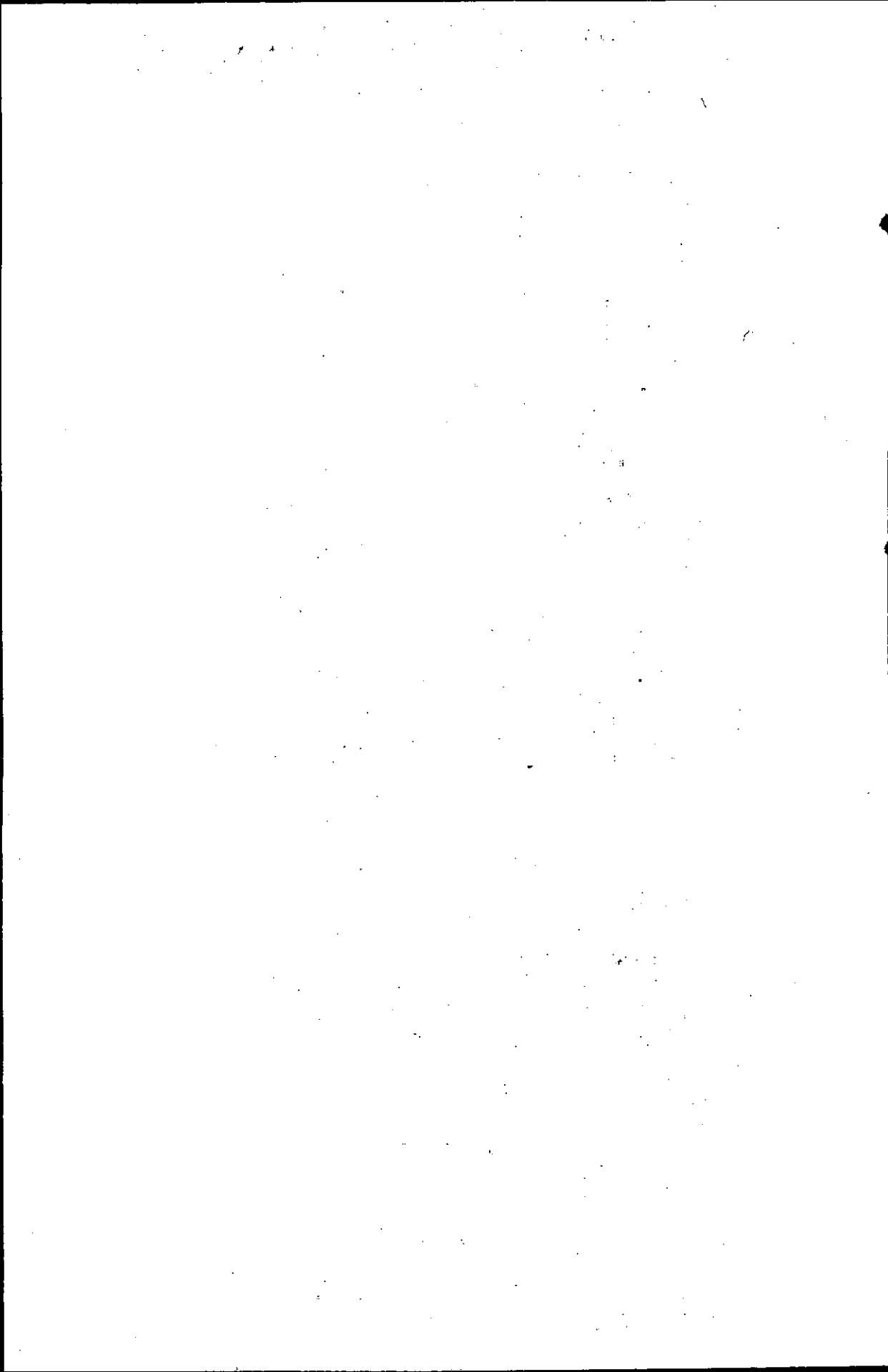


بسم الله الرحمن الرحيم

{.....قال رب اشرح لي صدري
ويسر لي أمري واحلل عقدة من
لساني يفتوها قولن.....}

(طوبى الله العظيم)

سورة طه، الآيات ٢٨-٢٧



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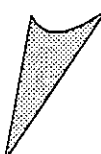
First and foremost thanks to God.

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List of abbreviations

CNS	: Central nervous system
CR	: Controlled-release
CSF	: Cerebrospinal fluid
EGA	: Estimated gestational age at birth
FDA	: Food and drug administration
FEV ₁	: Forced expiratory volume
GI	: Gastro-intestinal
ICP	: Intra-cranial pressure
IM	: Intramuscular
IR	: Immediate-release
MAC	: Minimal alveolar concentration
NMDA:	: N-methyl-D-aspartate
NSAIDs	: Non-steroidal anti-inflammatory drugs
PCA	: Patient-controlled analgesia
PCEA	: Patient-controlled epidural analgesia
US	: United States
WHO	: World Health Organization.
δ	: Delta
ϵ	: Epsilon
κ	: Kappa
μ	: Mu
σ	: Sigma

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