## Prevention And Management Of Iatrogenic Biliary Injuries

Essay Submitted for partial fulfillment of master degree in general surgery

Presented by

**Mahmoud Mohamed Metwaly** MB.B.CH,

Under supervision of

#### Prof. Dr. Abdul-Ghani Mahmoud El-Shamy

Professor of General Surgery, Faculty Of Medicine, Ain Shams University

## Dr. Mohamed Hamdy Hammoda

Assistant Professor of General Surgery, Faculty Of Medicine, Ain Shams University

### Dr. Hany Mohamed El-Barbary

Lecturer of General Surgery, Faculty Of Medicine, Ain Shams University

Faculty Of Medicine Ain Shams University 2009

# إصابات القنوات المرارية من منظور الوقاية والعلاج

رسالة توطئة للحصول على درجة الماجستير في الجراحة العامة

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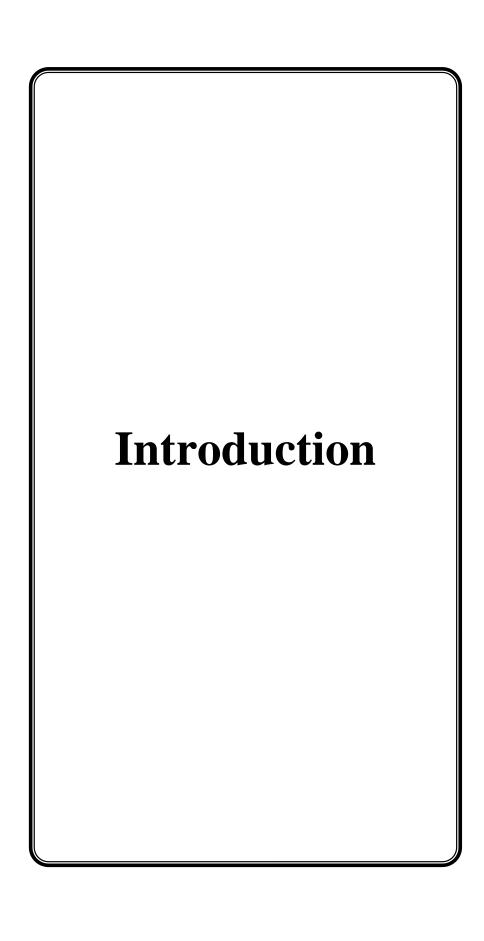
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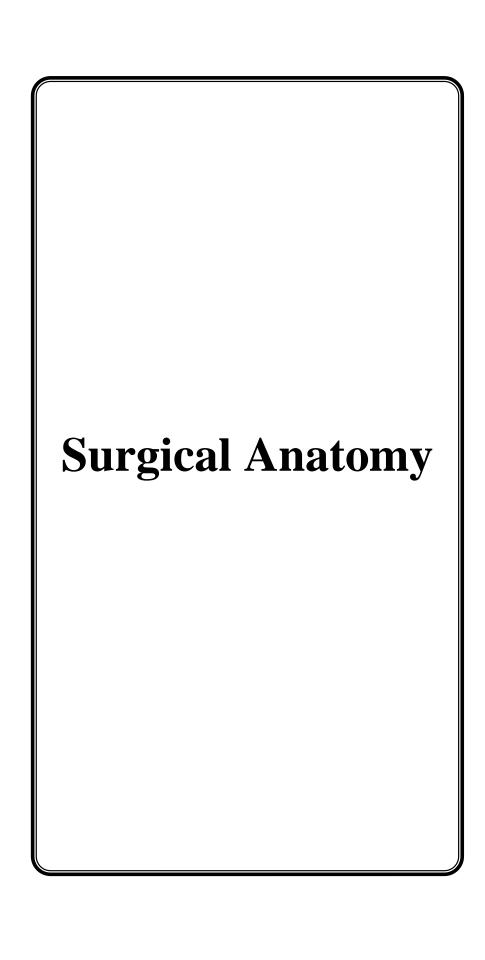
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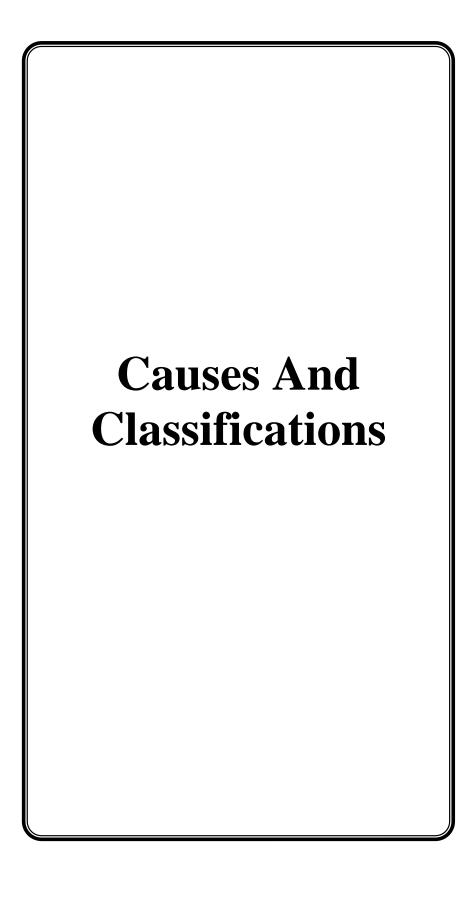
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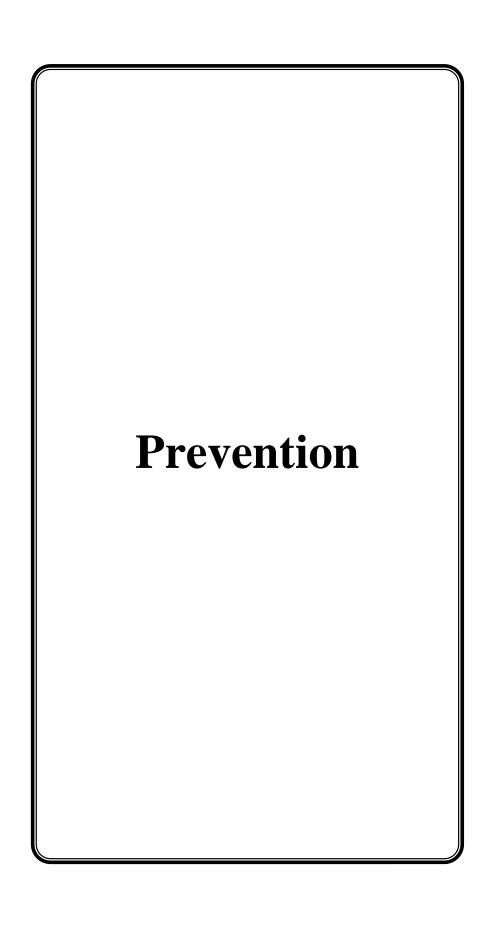
## Aim of the work

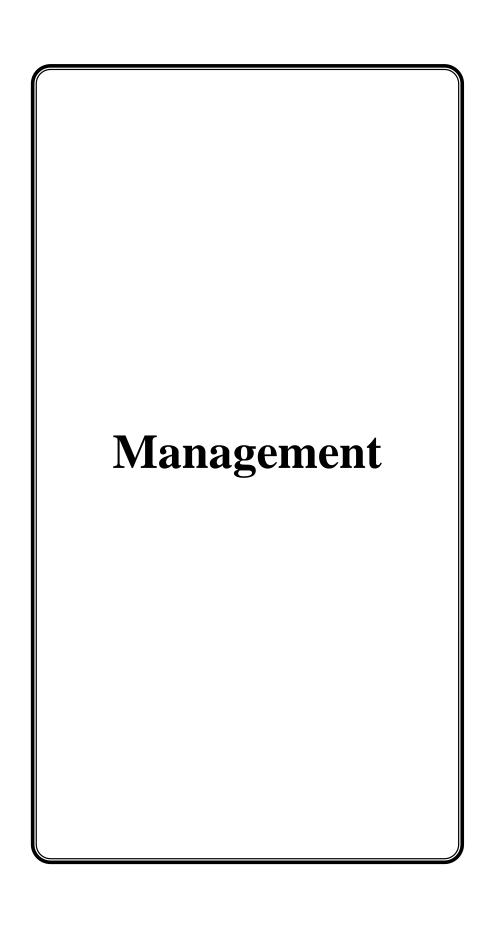
This essay discusses different types of iatrogenic biliary injuries, possible causes, prevention & recent management whether by conservative, endoscopic or surgical methods.

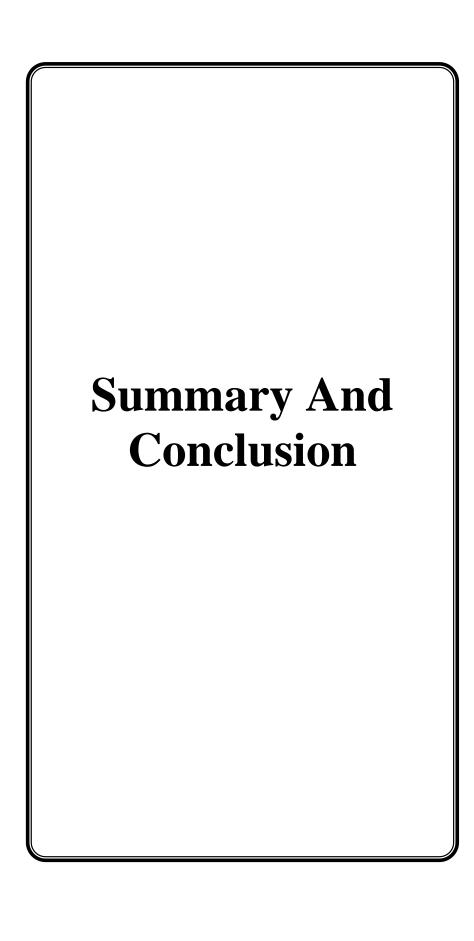


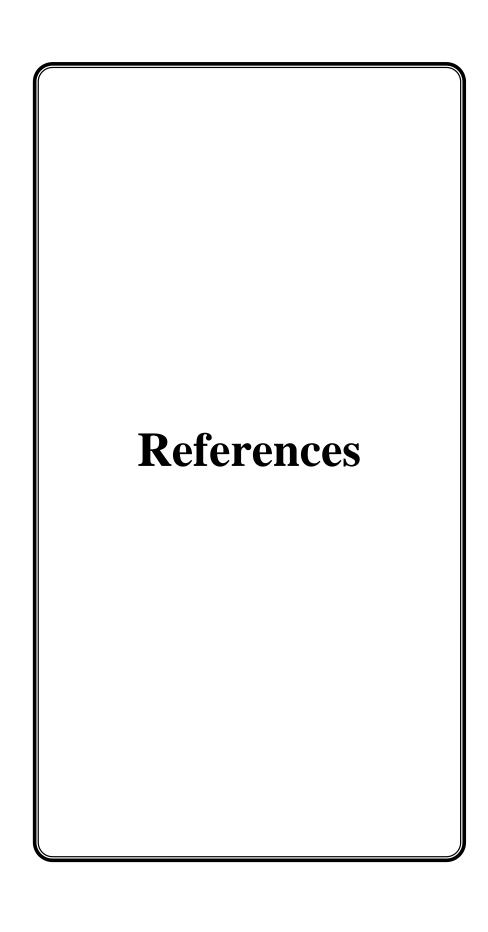












الملخص العربي

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# **Contents**

Chapter	Page
*Acknowledgment	I
*Aim of work	III
* Introduction	1
* Surgical anatomy of biliary system	4
* Causes & Classification of biliary injuries	41
* Prevention of bile duct injuries	67
* Management of bile duct injuries	81
* Summary & conclusion	135
* References	137
* Arabic summary	

## List of abbreviations

CHD	The common hepatic duct
LHD	The left hepatic duct
RHD	The right hepatic duct
CBD	The common bile duct
IVC	The Inferior vena cava
BDI	The Bile duct injury
L.C	Laparoscopic cholecystectomy
MRCP	Magnetic resonance Cholangiopancreatograph
ERCP	Endoscopic Retrograde Cholangiopancreatograph
PTC	Percutaneous transhepatic cholangiography
IOC	Intraoperative cholangiography
CT	Computed Tomography

ERC Endoscopic Retrograde Cholangiography
PTCD Percutaneous transhepatic catheter dilatation
PTD Percutaneous transhepatic drainage
US Ultrasonograph
LFTs liver function tests
AST Asparatate
aminotransferase
ALT Alanine-aminotransferase
CTAComputerized tomographic angiography
MRAMagnetic-resonance angiography
HIDAHepatobiliary iminodiacetic acid
DIC-CTDrip infusion
cholangiography computed
tomography
EHDIs Extra-hepatic ductal injuries
HSHarmonic Scalpel