## **CONTENTS**

	Page
• Introduction and aim of the work	1
• Review of literature :	3
- Surgical anatomy	3
- Biomechanics of THR	13
- Design rationale	40
- Complications of THR	58
- Revision of THR	107
<ul> <li>Materials and methods</li> </ul>	111
• Results	124
• Case presentation	141
• Discussion	191
Summary and conclusions	203
References	206
• Arabic summary	