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# RIGHT ANTEROLATERAL THORACOTOMY APPROACH FOR OPEN HEART SURGERY

THESIS

Submitted for the Partial Fulfillment of Master Degree

Min

General surgery

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بسر الله الربحين الربحير

To My Parents

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## INTRODUCTION

#### INTRODUCTION

Cardiac operations, irrespective of their indications, are most often forgotten or repressed, especially by young people<sup>(1)</sup>. Therfore, the skin scar is quite often the only long-lasting reminder of a cardiac operation. Consequently, we feel obliged to pay the utmost attention to the scar. This is particularly true when the patient is a women since the scar can be unsightly and detract from her physical appearance. So, scars should be avoided or hidden in natural folds<sup>(2)</sup>.

The median sternotomy is the incision of choice for most intracardiac operations, however the scar is cosmetically unsatisfactory and may have bad psychologic impact in a young women<sup>(3)</sup>.

A preferable alternative for avoidance of midline scar in young women is a right anterolateral thoracotomy. This approach has been used for surgical closure of atrial septal defects<sup>(4,5)</sup>, and for mitral valve operations<sup>(4)</sup>.

Besides cosmetic considerations. The right anterolateral thoracotomy is an effective and safe alternative to repeat median sternotomy for mitral valve reoperations<sup>(6)</sup>.

Introduction

## AIM OF THE WORK

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The aim of this study is to evaluate the right anterolateral thoracotomy approach in different types of open heart surgery and to compare it with the standard used median sternotomy approach.

Aim of the Work

# REVIEW OF LITERATURE