



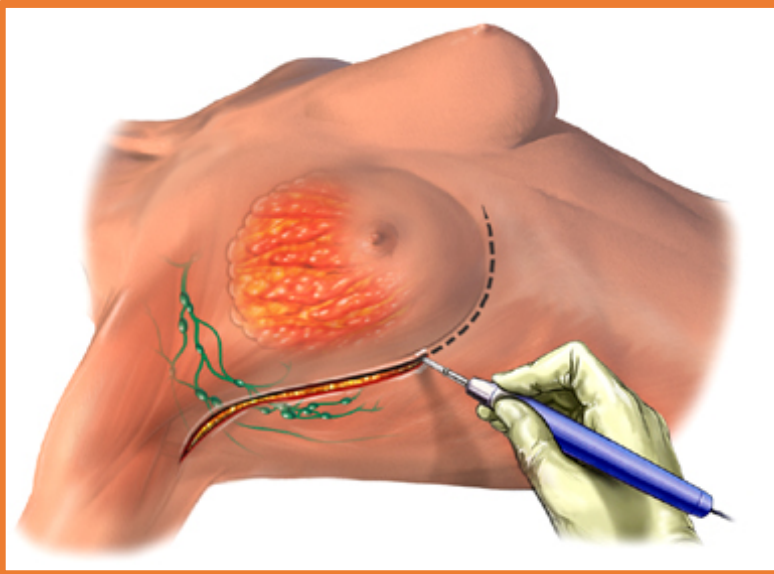
The Effectiveness of Early Screening and Intervention for Post-Surgical Breast Cancer Pain

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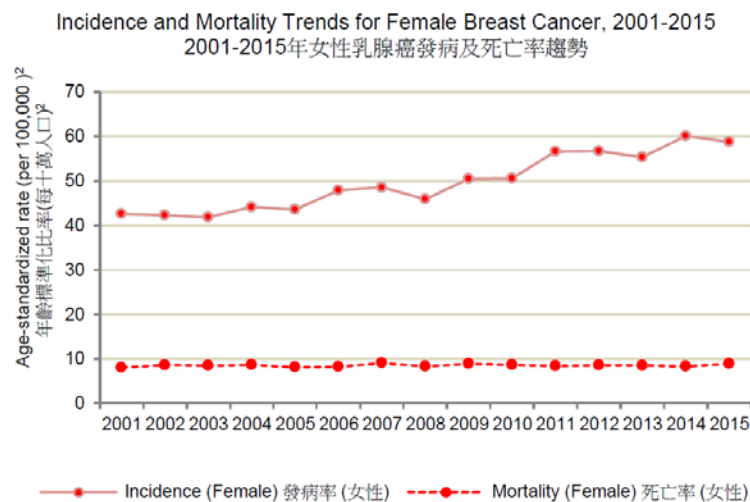
Introduction

- ✓ Breast Cancer
- ✓ The 3rd most deadly cancer
- ✓ Time to pay more **attention** on this topic



The **pathogenic mechanisms** for post-surgical breast cancer pain can be **complex**

After surgery, around **20-50%** of patients experienced **acute or persistent pain**



Objectives

01

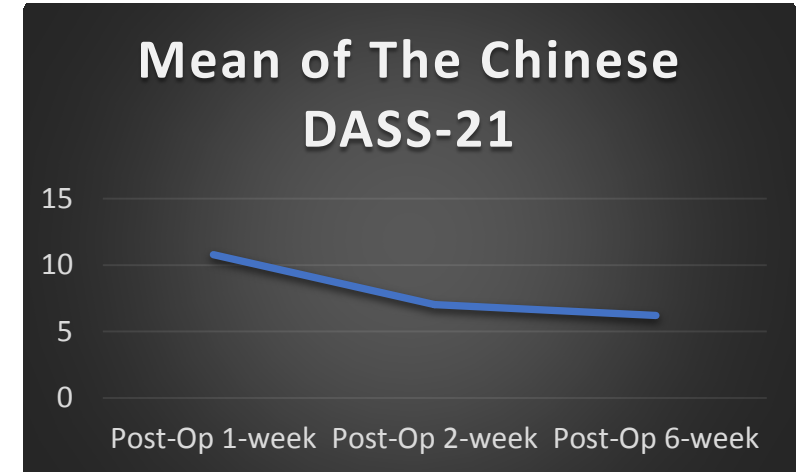
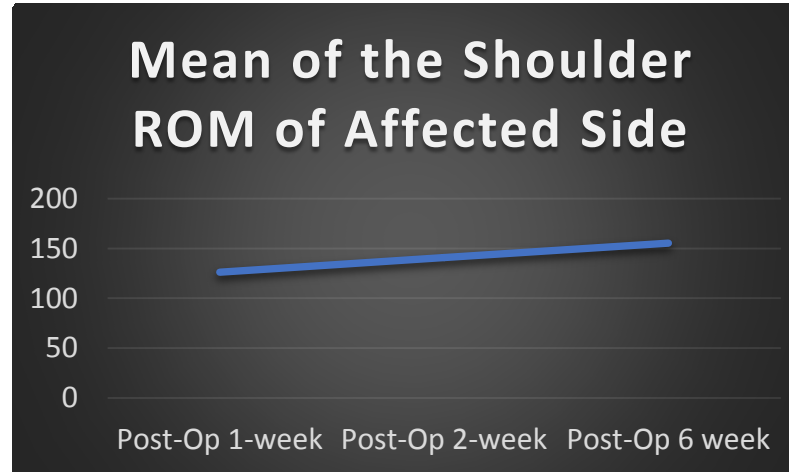
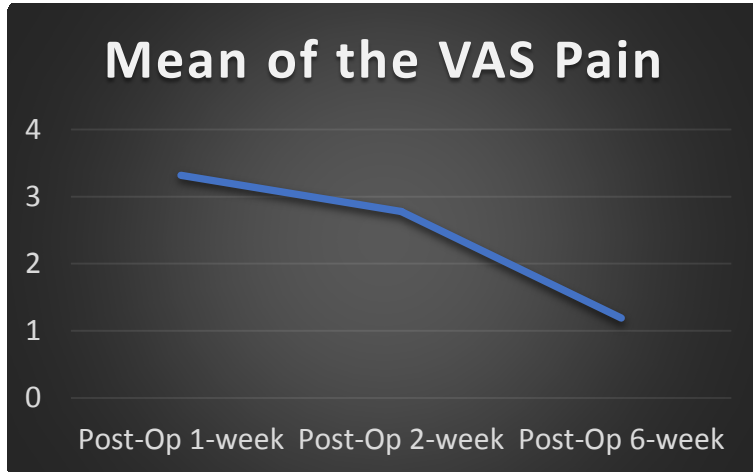
To examine **factors** associated with **post-surgical breast cancer pain**.

To evaluate the **effectiveness of early intervention** in **decreasing pain**, **improving AROM** of the affected side and **reducing emotional disturbance** in the target patients.

02

Results

Significant improvement in the VAS pain ($t=-6.93$, $p<0.001$), the shoulder ROM ($t=10.54$, $p<0.001$) and the DASS-21 ($t=-3.89$, $p<0.001$)



Risk factors associated with increased post-surgical pain

✓ Younger age of below 50

✓ Received radiotherapy

✓ With psychiatric history

✓ Received ALND