

# Surgical Treatment for Oesophageal cancer and Pancreas cancer and its consequences

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The Royal Marsden

## Contents

1. Different Forms of Oesophagectomy
2. Various Pancreatectomies
3. Postoperative consequences



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The Royal Marsden

## Oesophagectomies

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### Types of oesophagectomy

- Ivor-Lewis, Lewis-Tanner, 2-phase
- McKeown, 3-phase
- Colon inter-position
- Trans-hiatal
- MIO, Minimally invasive oesophagectomy



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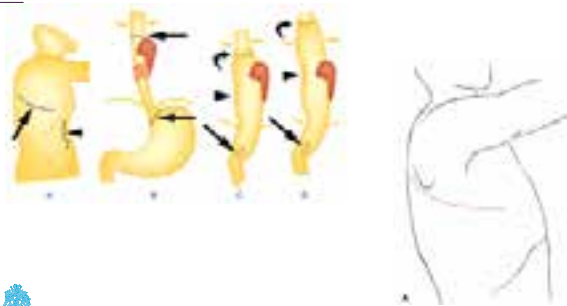
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### 2-Phase, Ivor-Lewis, Lewis-Tanner



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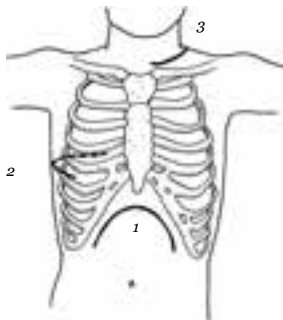
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### 3-Phase



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### Transhiatal and now modified to totally closed MIO



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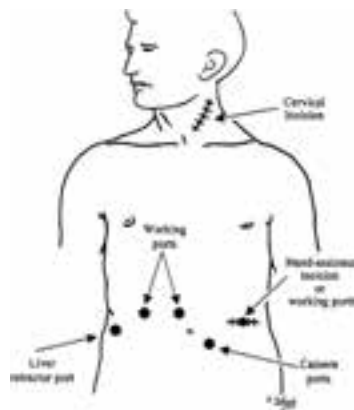
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### MIO



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10 The Royal Marsden

# Pancreatectomies

# 2

 Life de nada es eterno

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11 The Royal Marsden

## Pancreas Anatomy





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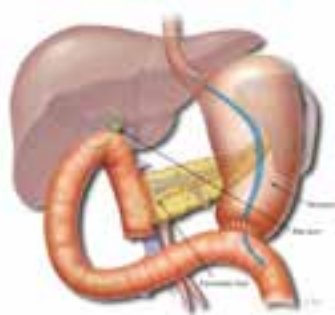
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12 The Royal Marsden

## Traverso's type Whipple





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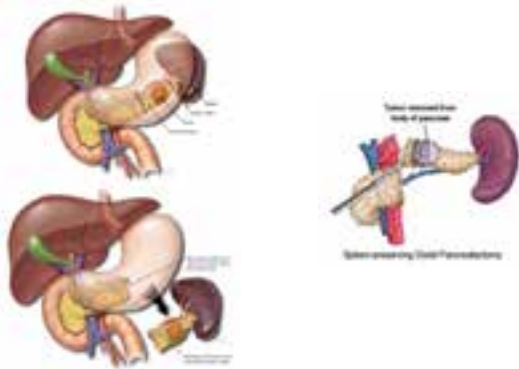
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### Distal pancreatectomy and splenectomy




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### What should we be looking for

- Early
  - Wound infection/breakdown
  - Anastomotic leak
  - Intra-abdominal collections
- Late
  - Nutritional problems
  - Anastomotic stricturing
  - Recurrence of disease

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### Early complications

- Leaks and collections in the community
  - Failure to progress, generally unwell, non-specific, maybe fever, maybe discharge from wounds. Catastrophic event unlikely but progressively worse
- Wound infections and breakdowns
  - Superficial dehiscence, discharge
    - irrigation and wait
  - Deep abdominal wall failure
    - Keep (calm) viscera damp and urgent reoperation

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## Late complications

- Failure to thrive
  - Recurrence, chronic abscess, nutritional insufficiency
  - Chronic diarrhoea
- Dysphagia
  - Stricture, disease recurrence
- Jaundice
  - Stricture, recurrence
- Diabetes
  - Pancreatic insufficiency



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## Nutritional failure

- Inadequate calories
  - Supplementation, artificial systems
- Micro-nutrients
  - Vit D (lipid soluble vitamins), potassium, iron



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## Diarrhoea

- Bacterial overgrowth
  - Labelled Breath test, antibiotics
- Pancreatic exocrine insufficiency
  - Faecal elastase, replace with Creon/Pancrex



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