

Oesophago-Gastric Cancer Workshop

Multi Disciplinary Team
Coordinators Conference
3rd March 2010

Aims of session

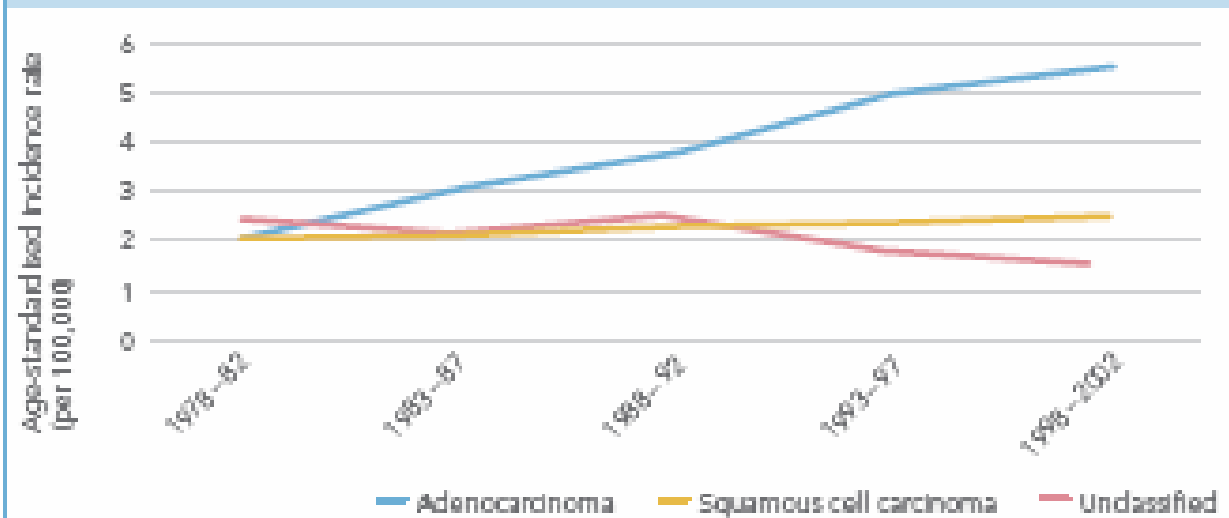
- Overview of oesophago-gastric cancer
- Symptoms
- Risk factors
- Diagnostics procedures
- Staging
- Treatment choices and rationales
- Outcomes

Presenting Symptoms & Risk Factors

Oesophageal Cancer

- Rising Incidence
 - 87% for Men
 - 40% Women
 - UK incidence for Women is highest in Europe

Figure 6: Rates of adenocarcinoma are increasing faster than squamous cell carcinoma in men in England



Sources: Cancer Incidence in Five Continents vol. I-IX, International Agency for Research on Cancer

Common Risk Factors

- **Smoking**
- **Sedentary lifestyle**
- **Heredity**
- **Ethnicity**
- **Diet**
- **Obesity**
- **GORD**
- **Barrett's Oesophagus**
- **Alcohol**
- **Hpylori**
- **Gender**
- **Age**
(80% cases between 60-80)
- **Peptic ulcer surgery**
- **Social deprivation**
(30%)

.....to name but a few

Specific Risk Factors

■ Smoking

■ Alcohol

■ Achalasia / Tylosis

■ High Salt

■ Reflux disease

■ ***Barretts and dysplasia***

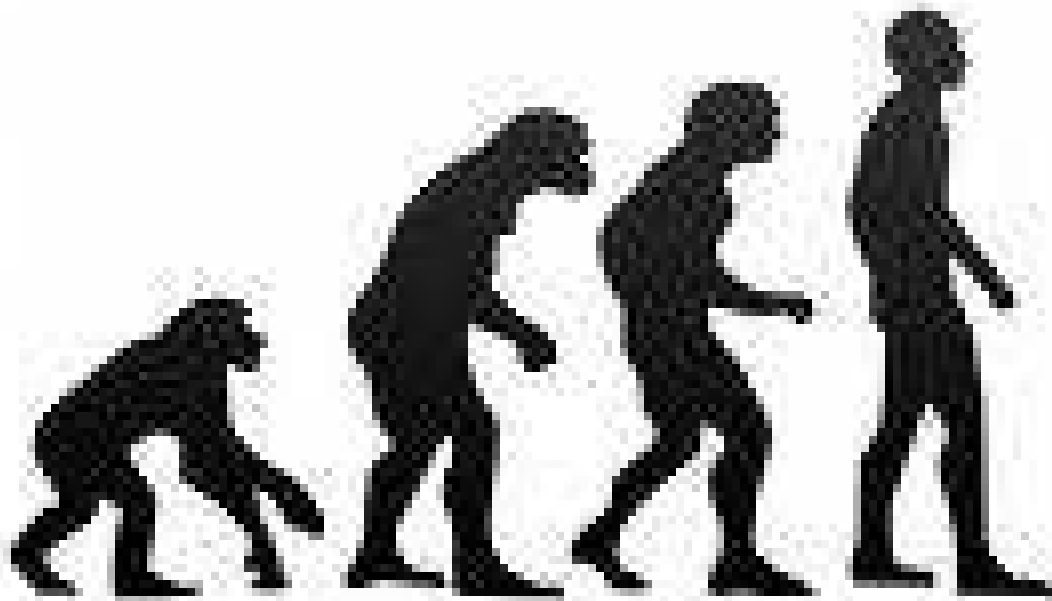
■ Obesity

■ H-pylori

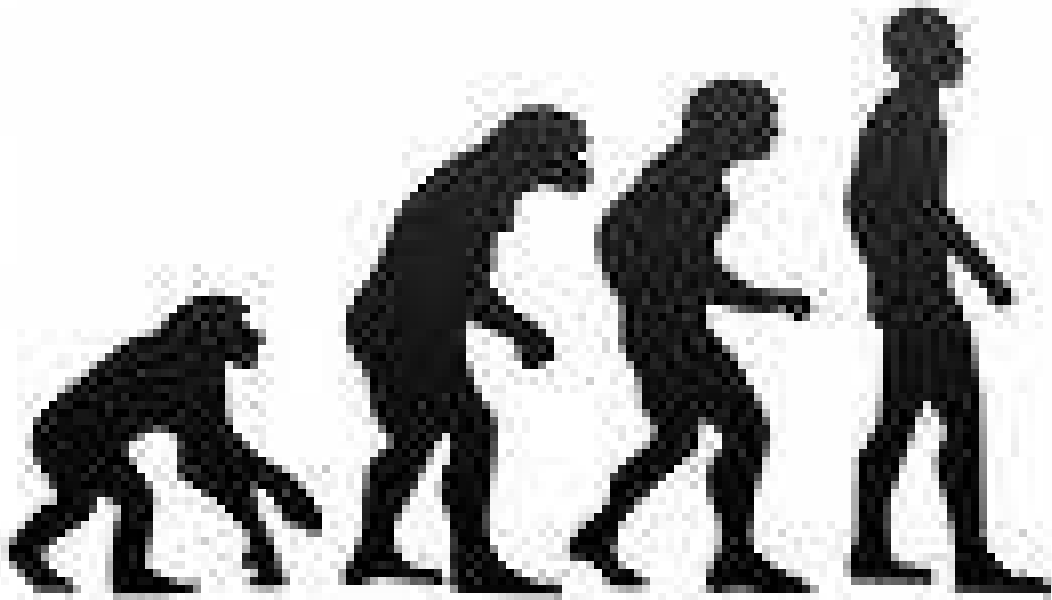
Squamous Carcinoma

AdenoCarcinoma





Evolution



Presenting symptoms

- Haematemesis
- Weight loss
- Anaemia
- Fullness
- Dyspepsia
- Pain
- Horse voice / cough
- **Dysphagia**

Symptoms present late

Ancient Chinese proverb 300BC

*“if a man is unable to swallow by
Autumn he won't see the Winter”*

The Reasons for Centralisation

Improvements that have lead to better outcomes

- Surgical technique & specialisation
- Anaesthesia and pain relief
- Intensive care
- Combining chemotherapy (& sometimes radiotherapy) with surgery
- Dedicated high volume units

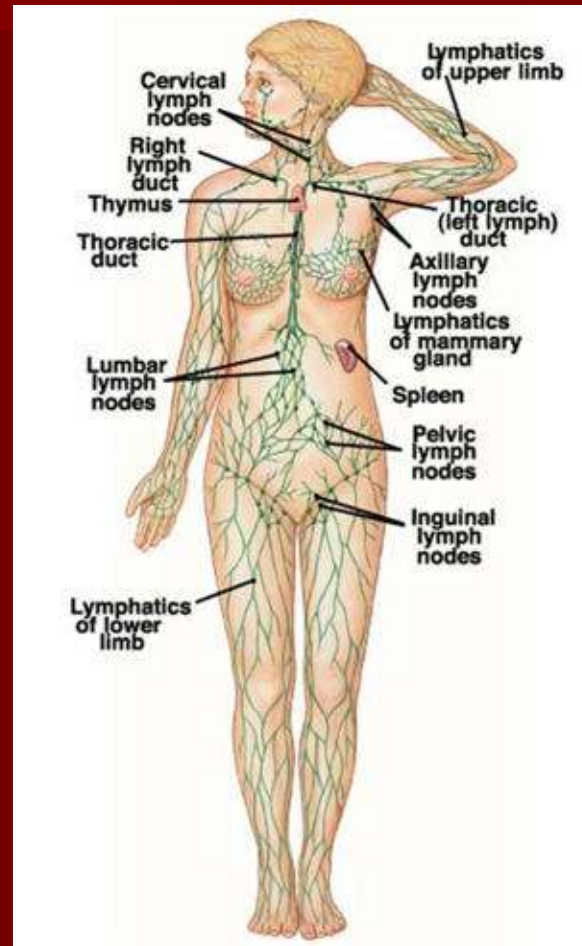


Staging & Diagnostic Tests

TNM Staging

- Tumour
- Nodes
- Metastasis

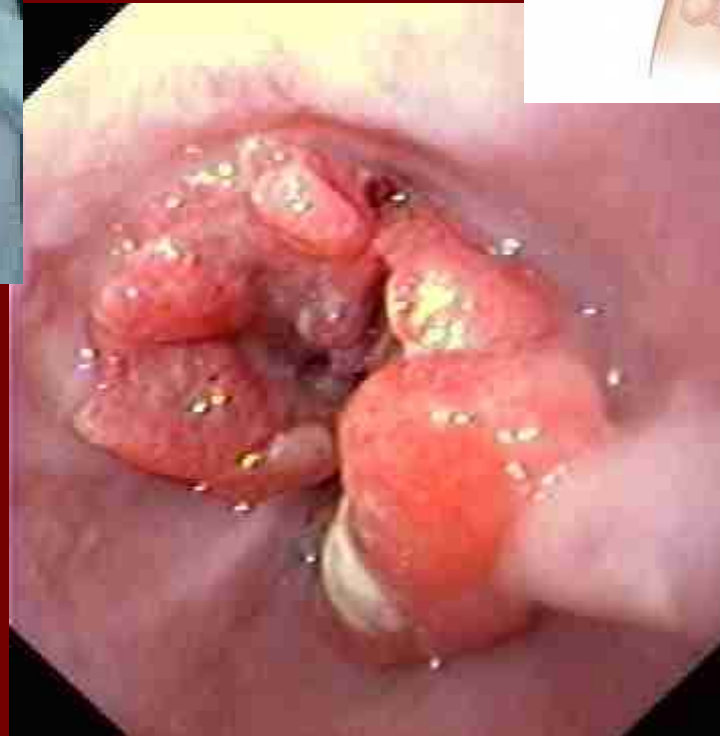
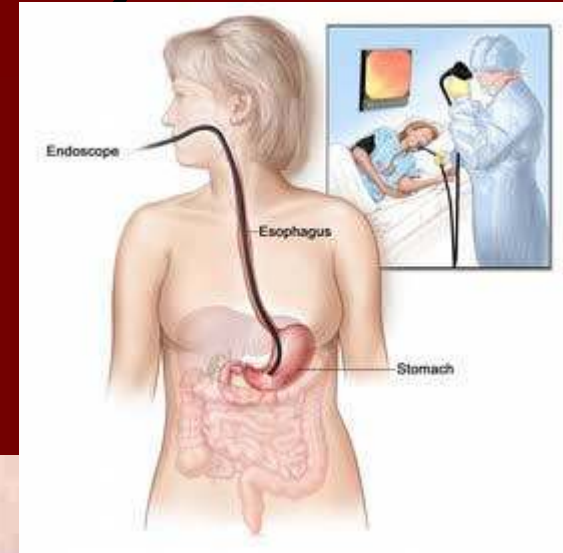
Lymph nodes



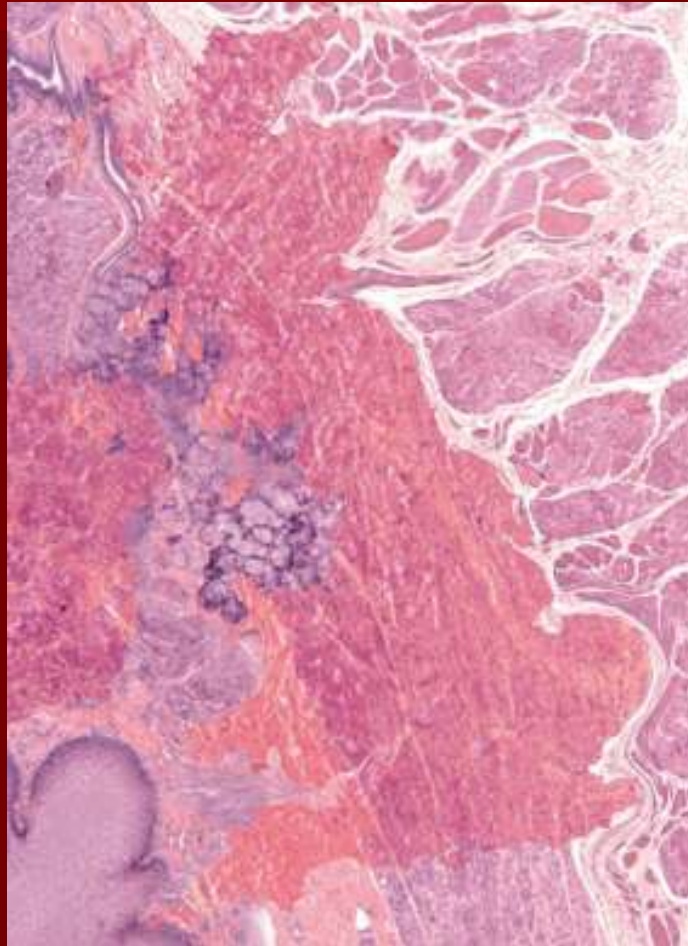
Barium Swallow



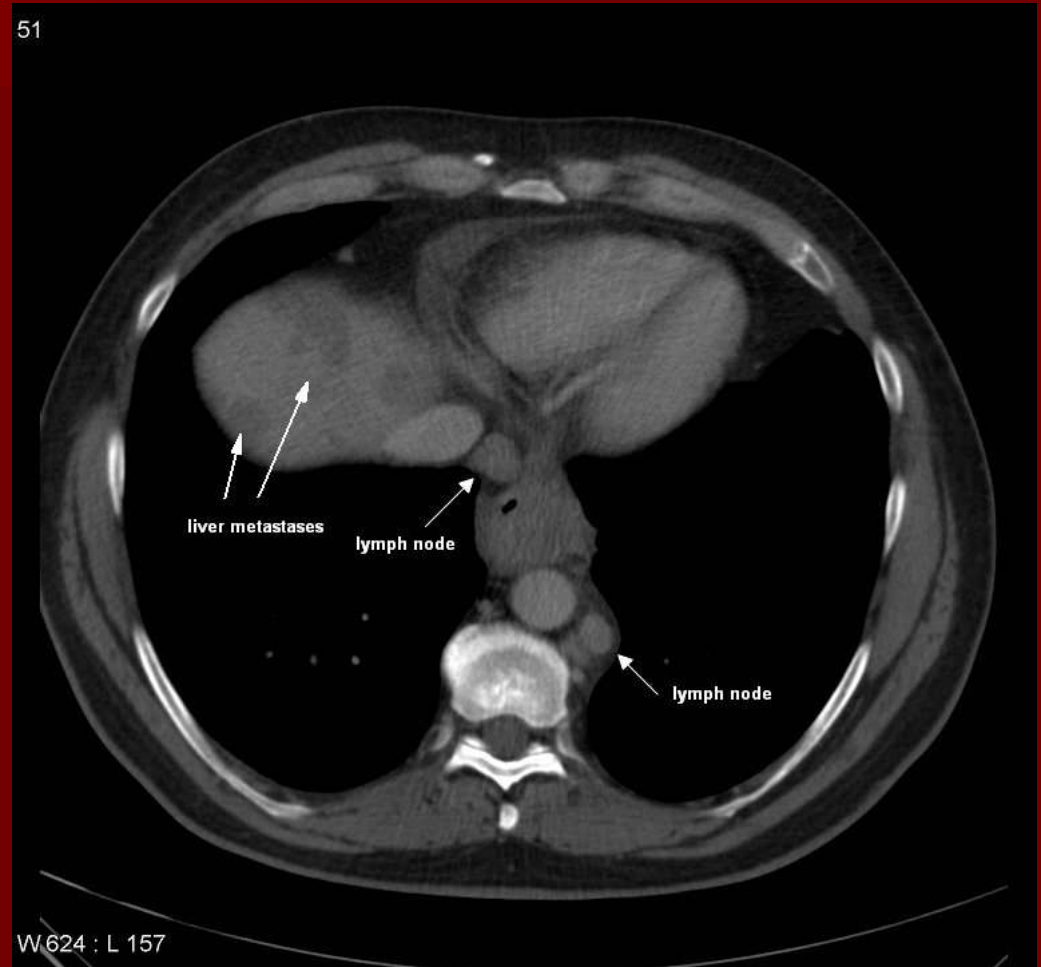
Endoscopy (OGD)



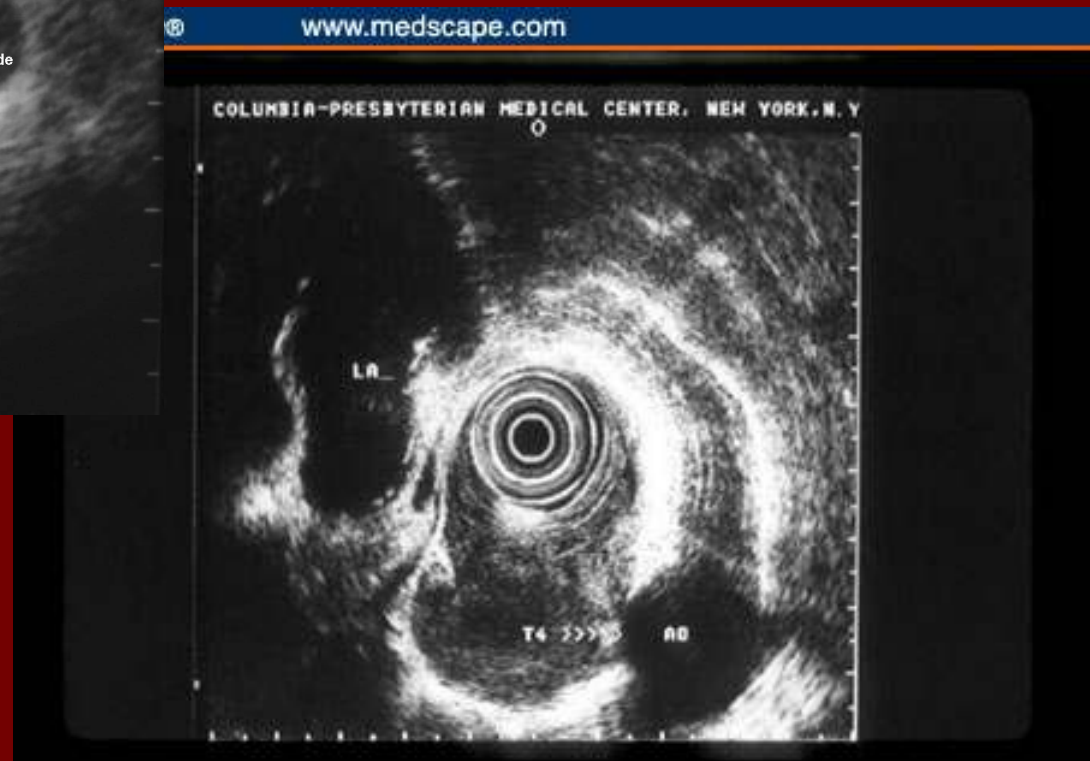
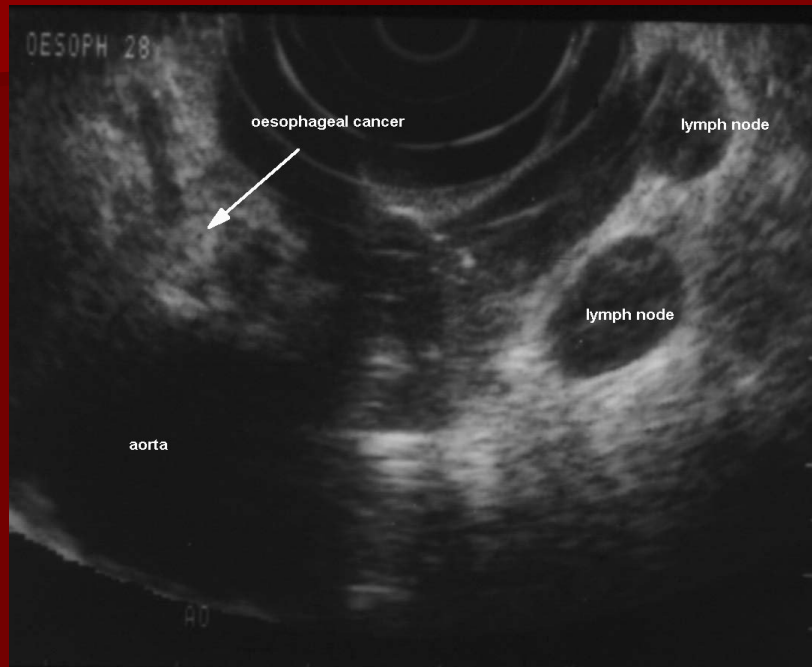
Histology



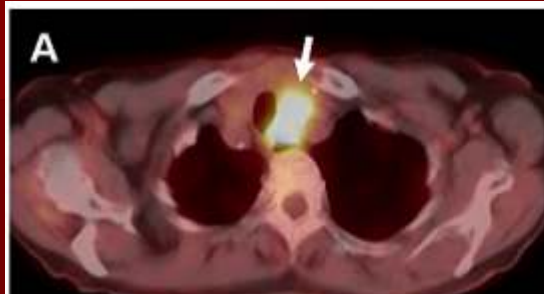
CT scan



Endoscopic Ultrasound (EUS)



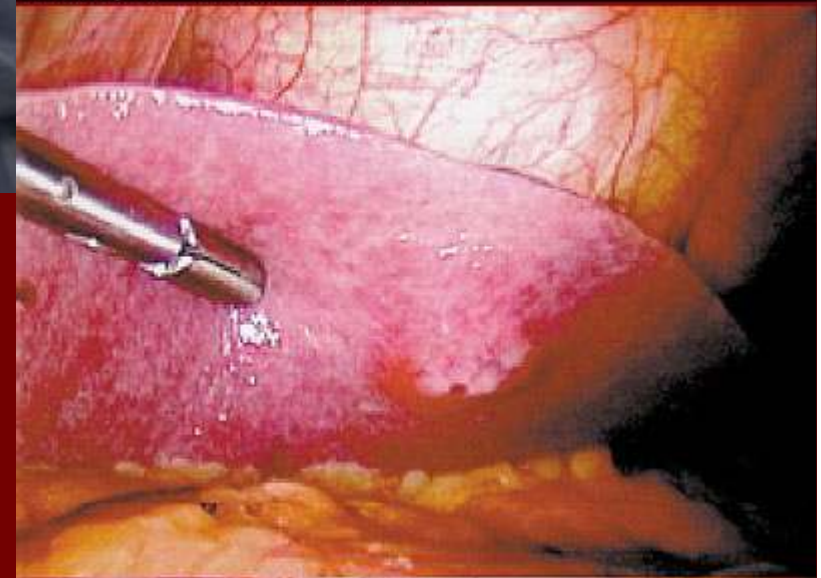
PET



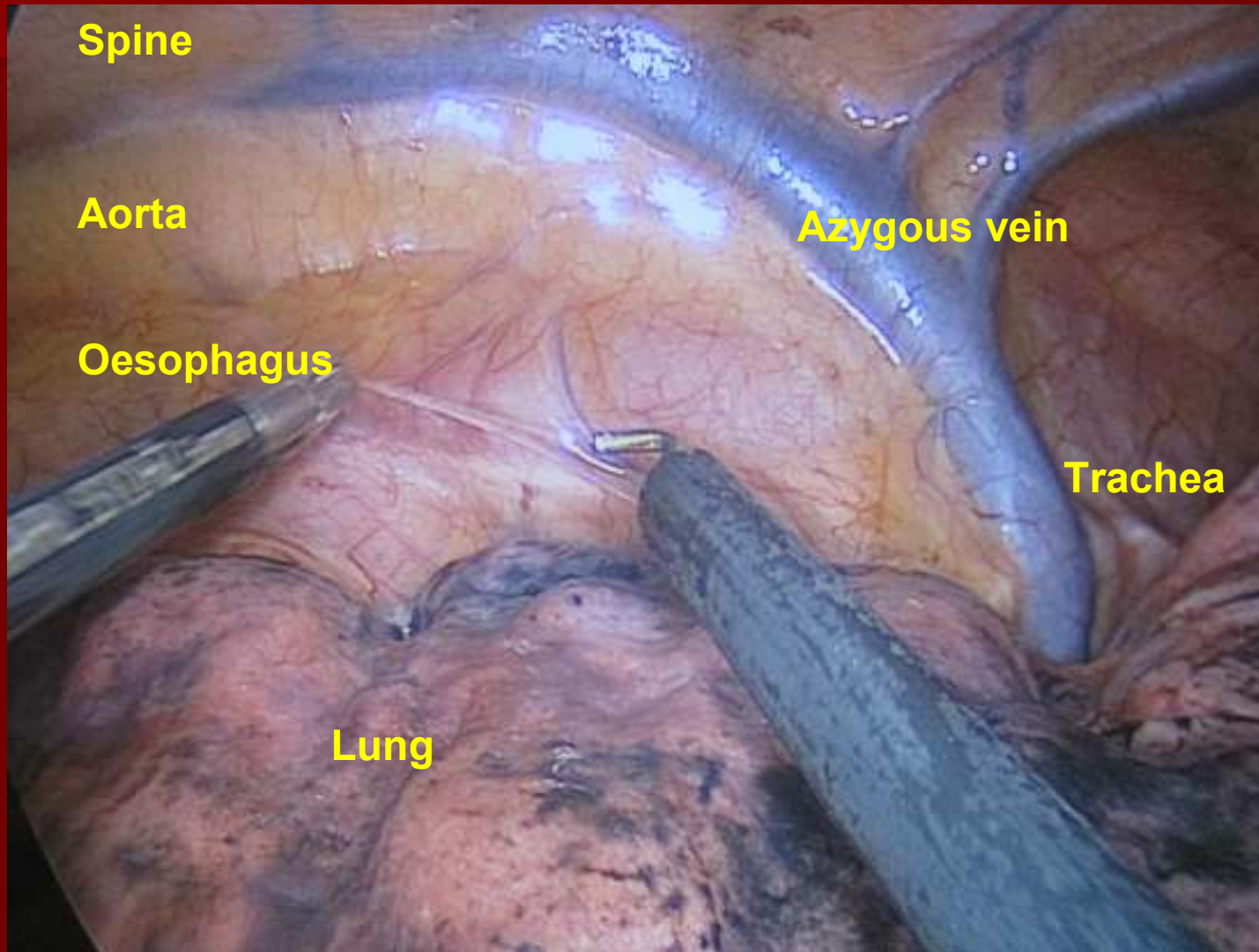
Laparoscopy



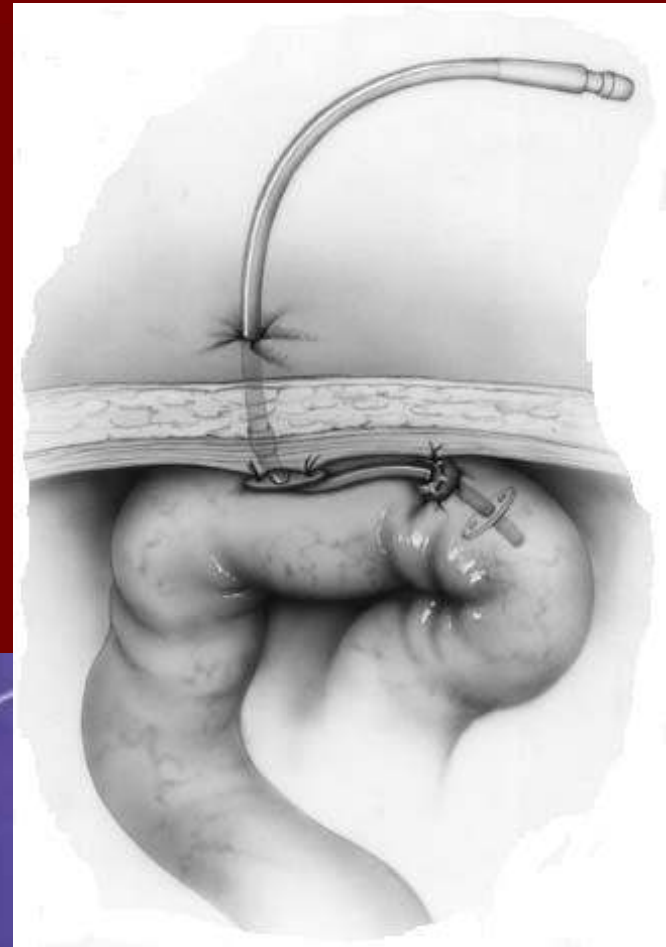
Medscape® www.medscape.com



Thoracoscopy



Fitness & nutrition



The Patient Journey



Endoscopy

CT scan

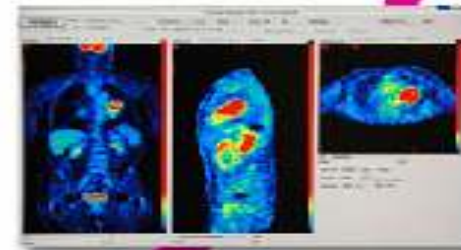
Endoscopic Ultrasound

PET scan

Laparoscopy

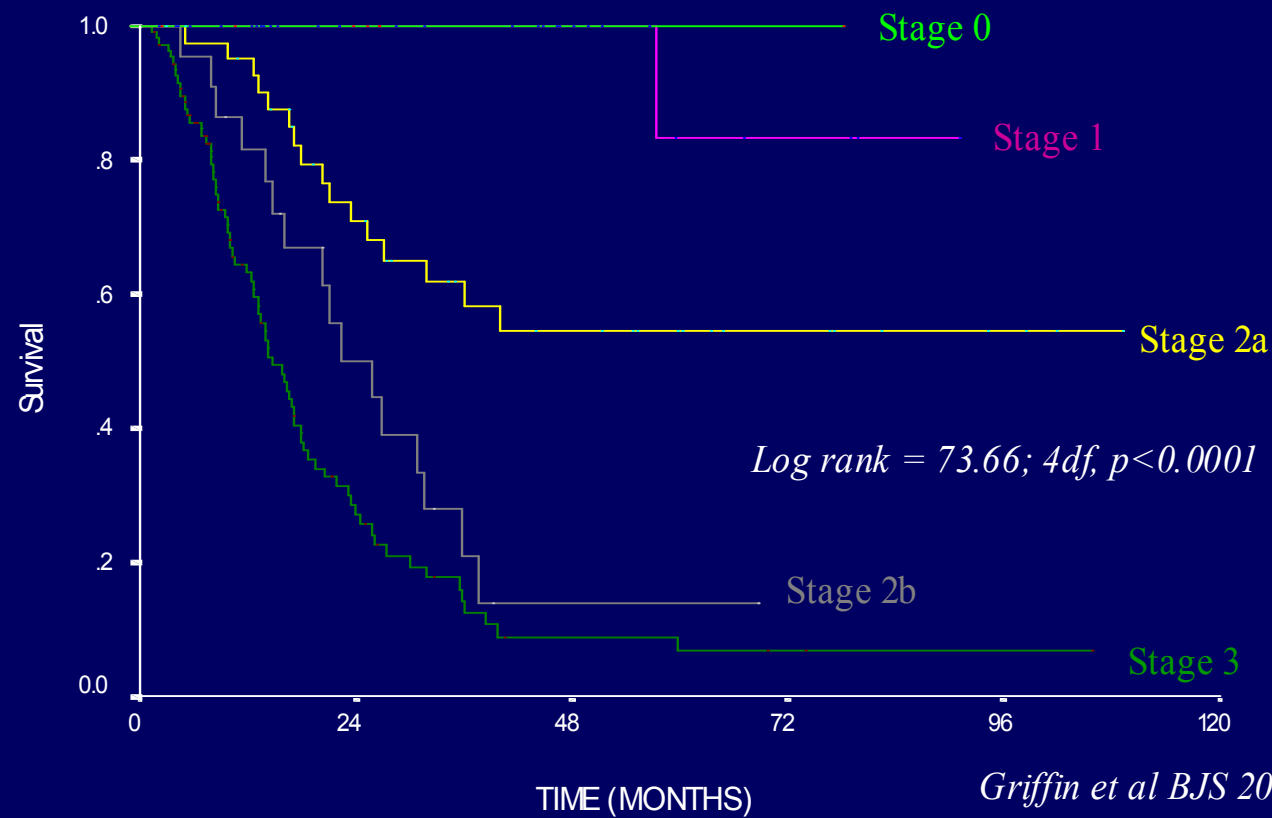
Fitness tests

Treatment

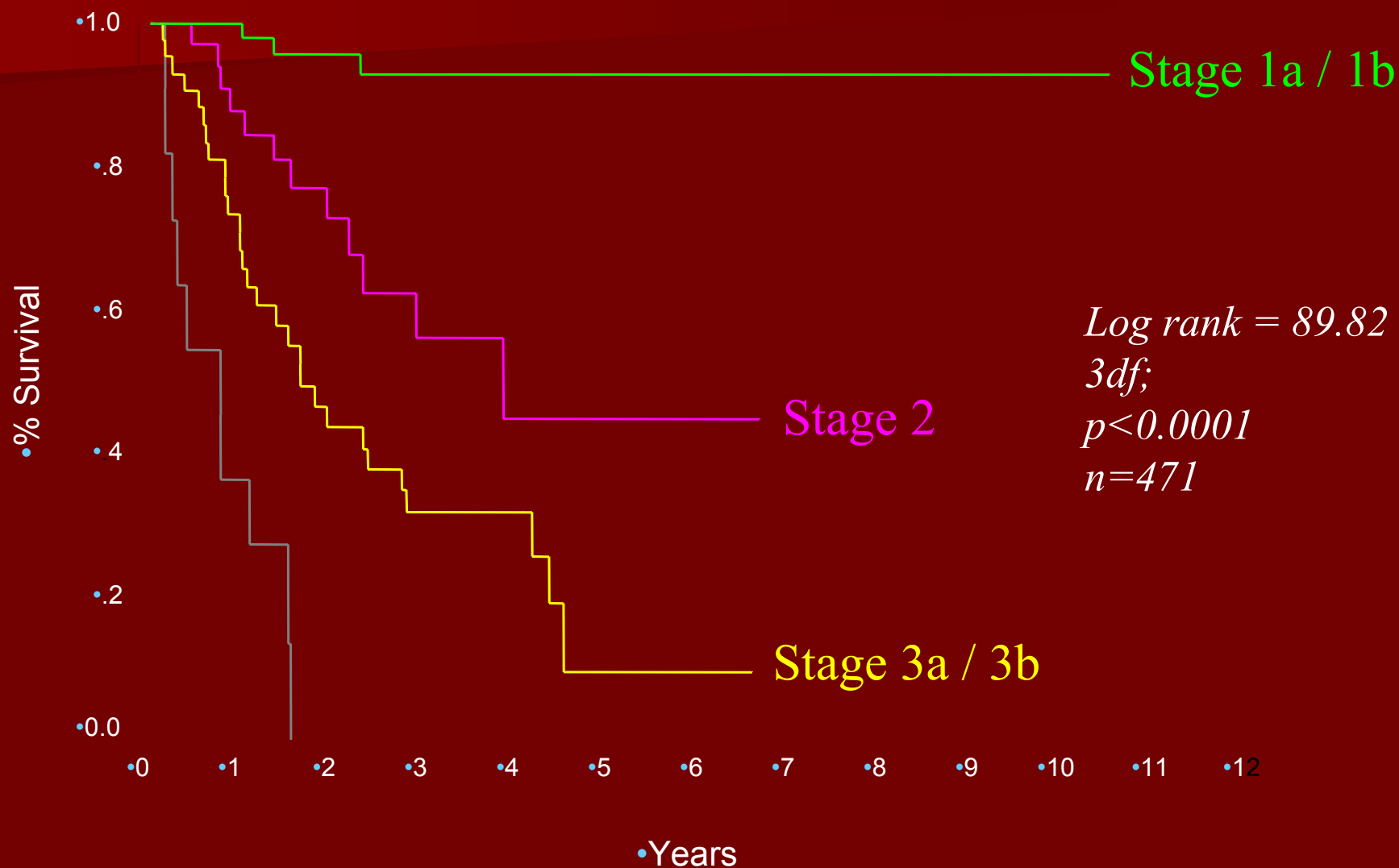


Why such
Emphasis on
accurate
staging?

Stage Specific Survival: Oesophageal Cancer

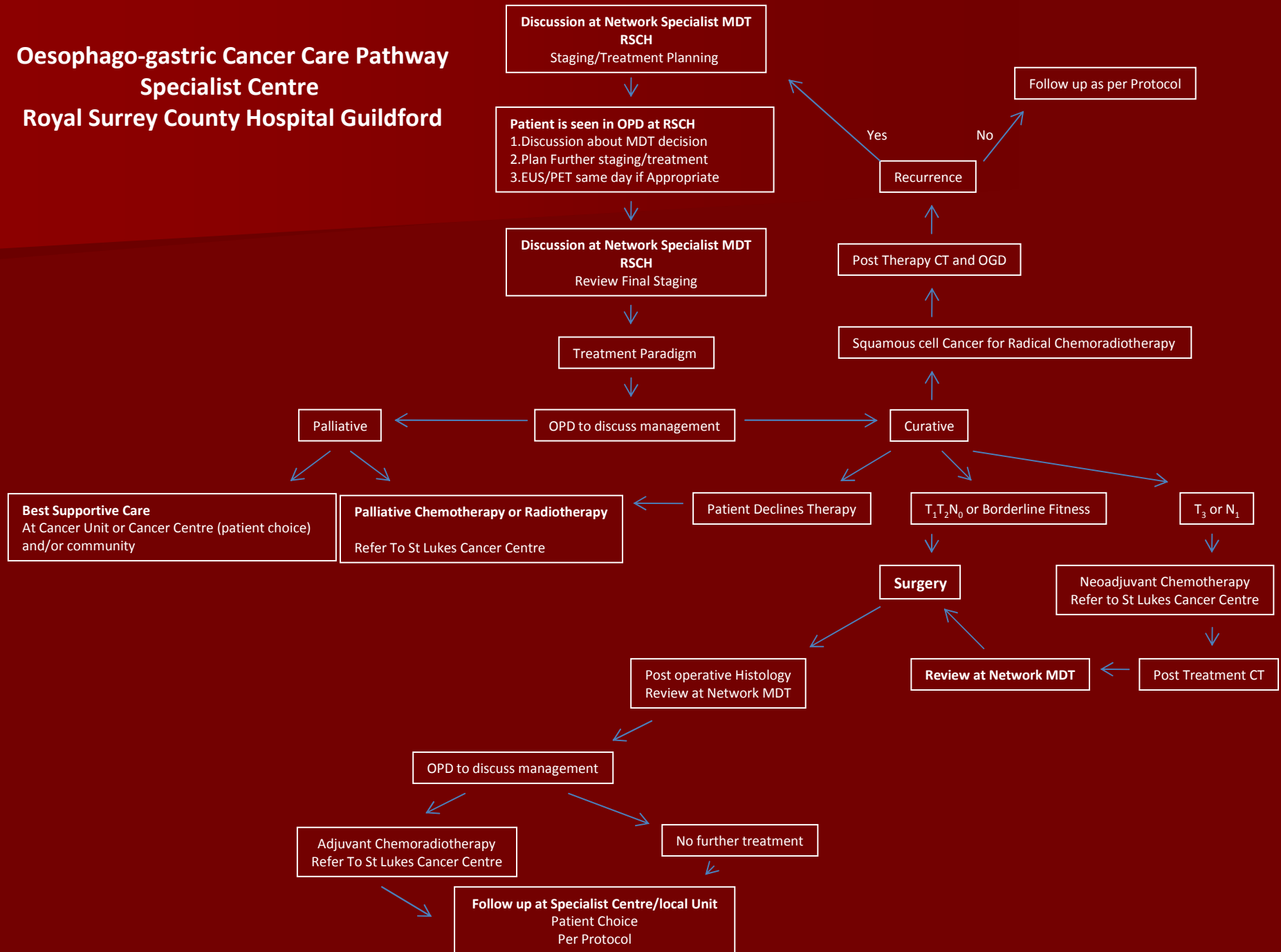


Stage Specific Survival Gastric Cancer



Treatments

Oesophago-gastric Cancer Care Pathway Specialist Centre Royal Surrey County Hospital Guildford



Chemotherapy



Radiotherapy



Surgery



Developments

Minimising trauma - Abdomen

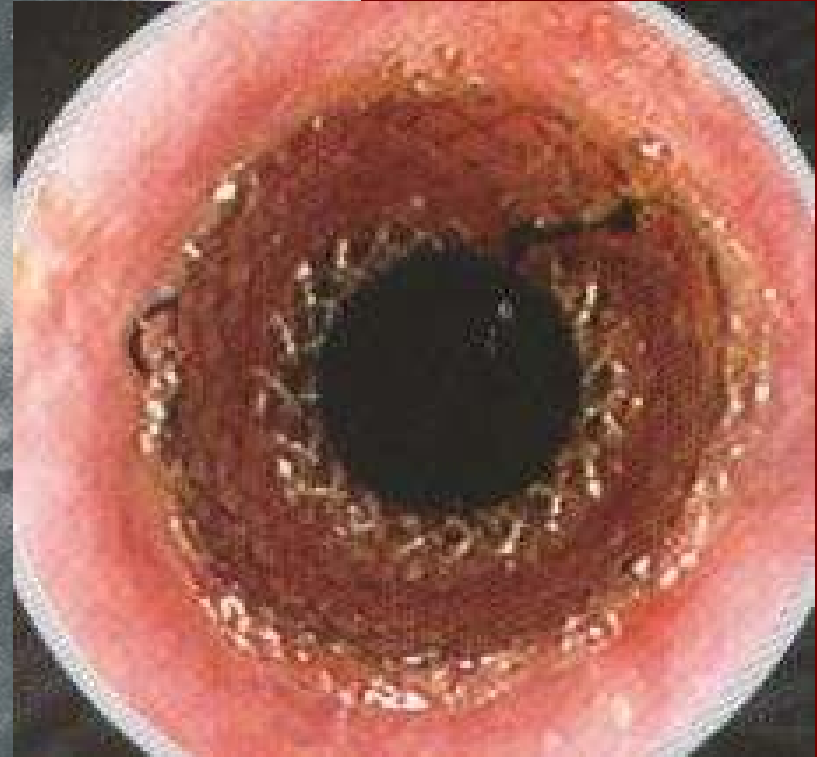
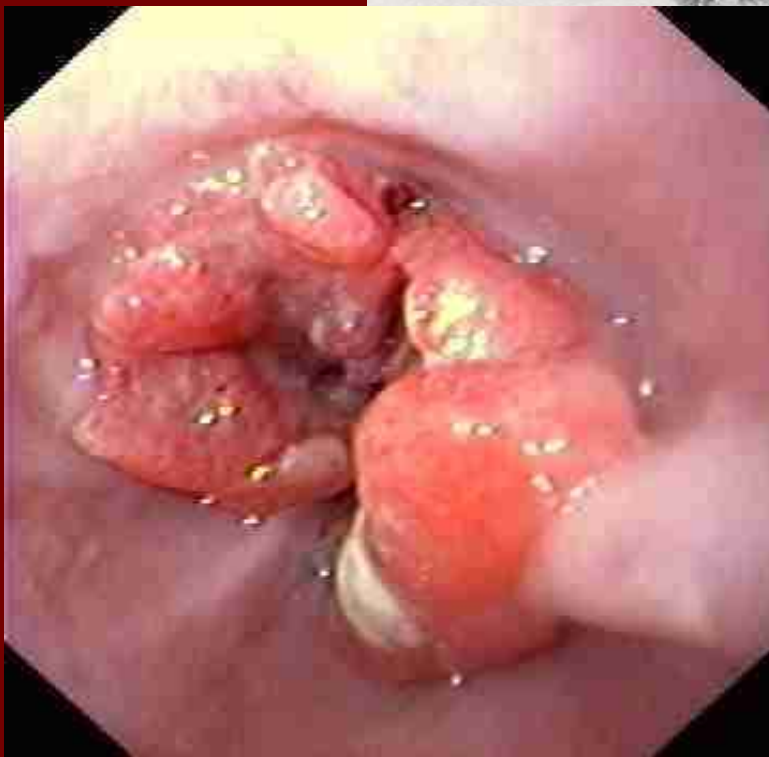


Developments

Minimising trauma - Chest



Palliation



The importance of awareness



Questions?