

**Algorithm for Oesophageal and Gastric Carcinoma  
(excluding Early Oesophageal and Gastric Cancer/ High Grade Dysplasia)**

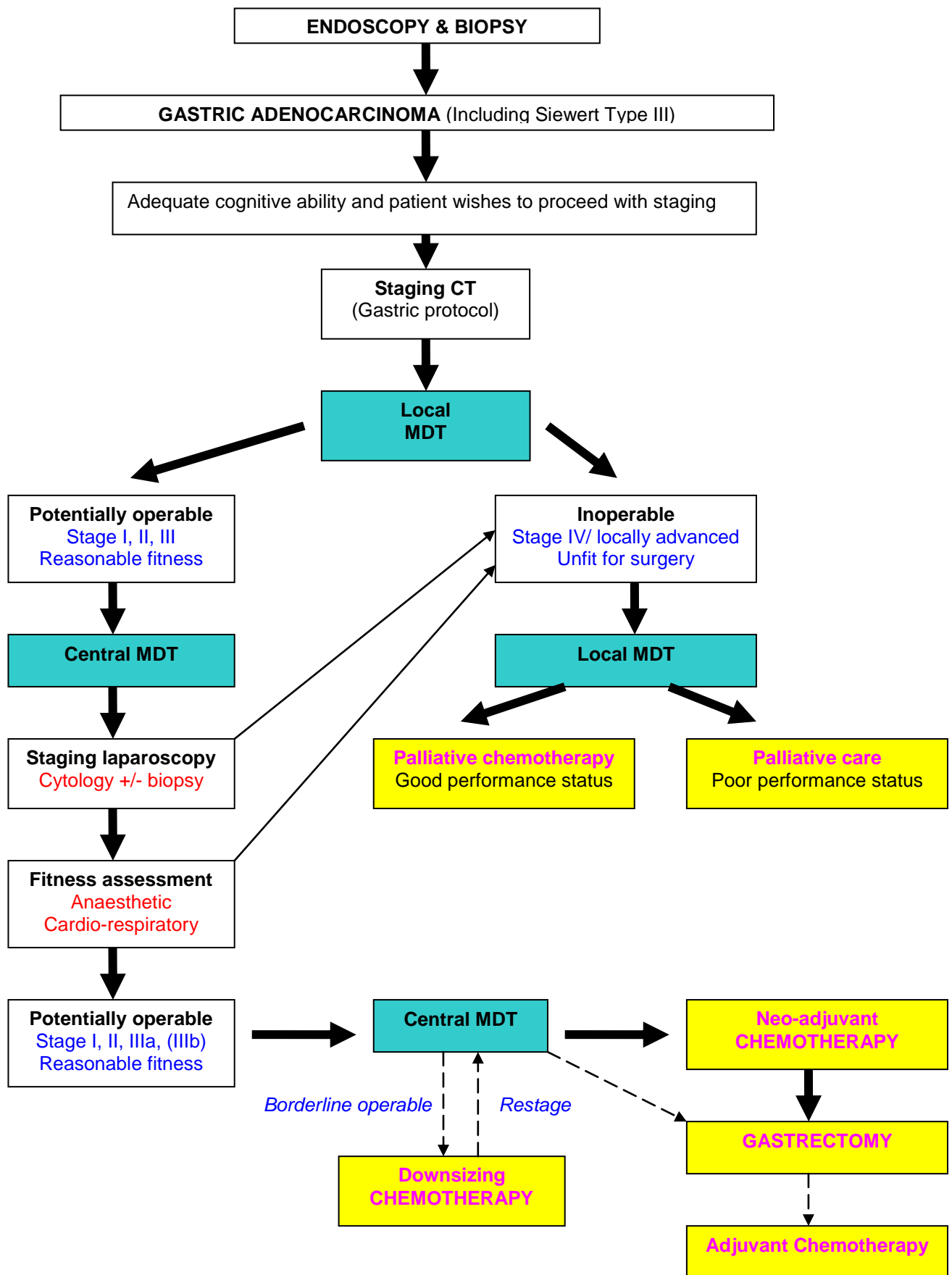
**Document Purpose**

An agreed Network wide pathway for the treatment of patients with a diagnosis of gastric carcinoma.

<b>EGC</b>	Early Gastric Cancer
<b>EOC</b>	Early Oesophageal Cancer
<b>OGJ</b>	Oesophago-Gastric Junction
<b>ECF</b>	Epirubicin, Cisplatin, 5 Fluorouracil
<b>ECX</b>	Epirubicin, Cisplatin, Capecitabine
<b>EUS</b>	Endoscopic Ultrasound
<b>EMR</b>	Endoscopic Mucosal Resection
<b>NEJM</b>	New England Journal of Medicine
<b>APC</b>	Argon Plasma Coagulation
<b>SCC</b>	Mid Oesophageal Squamous Cell Carcinoma
<b>PS</b>	Performance Status
<b>MIC</b>	Mitmycin, Ifofamide, Cisplatin
<b>HGD</b>	High Grade Dysplasia

**Agreed by the Upper GI NSSG and published March 2012**

1. **ALGORITHM for GASTRIC CARCINOMA (excluding EGC/ HGD – see separate guideline)**



## **2. STOMACH CANCER**

### **2.1 POTENTIALLY OPERABLE (CURATIVE)**

#### **2.1.1 Peri-operative chemotherapy**

MRC ST02 (MAGIC) trial Lancet 2007 - survival benefit from peri-operative chemotherapy

Gastric and Type 3 OGJ  
ECF (trial) / ECX (regarded as equivalent)  
3 cycles pre-op and consider 3 post-op

#### **2.1.2 Direct to Gastrectomy**

T1 or HGD not amenable to endoscopic therapy.  
Patient informed choice  
(Semi) emergency setting – bleeding, perforation, gastric outlet obstruction

#### **2.1.3 Downsizing chemotherapy**

If uncertain operability consider downsizing chemotherapy  
Max 6 cycles with repeat CT scan after 3 - 4 to reassess  
ECX / ECF  
Repeat CT (+/- laparoscopy) at completion with central MDT review

#### **2.1.4 Post-op chemoradiation**

McDonald et al NEJM 2001  
45Gy/25# + concurrent 5FU  
Still not accepted as standard but consider in selected patients

### **2.2 PALLIATION**

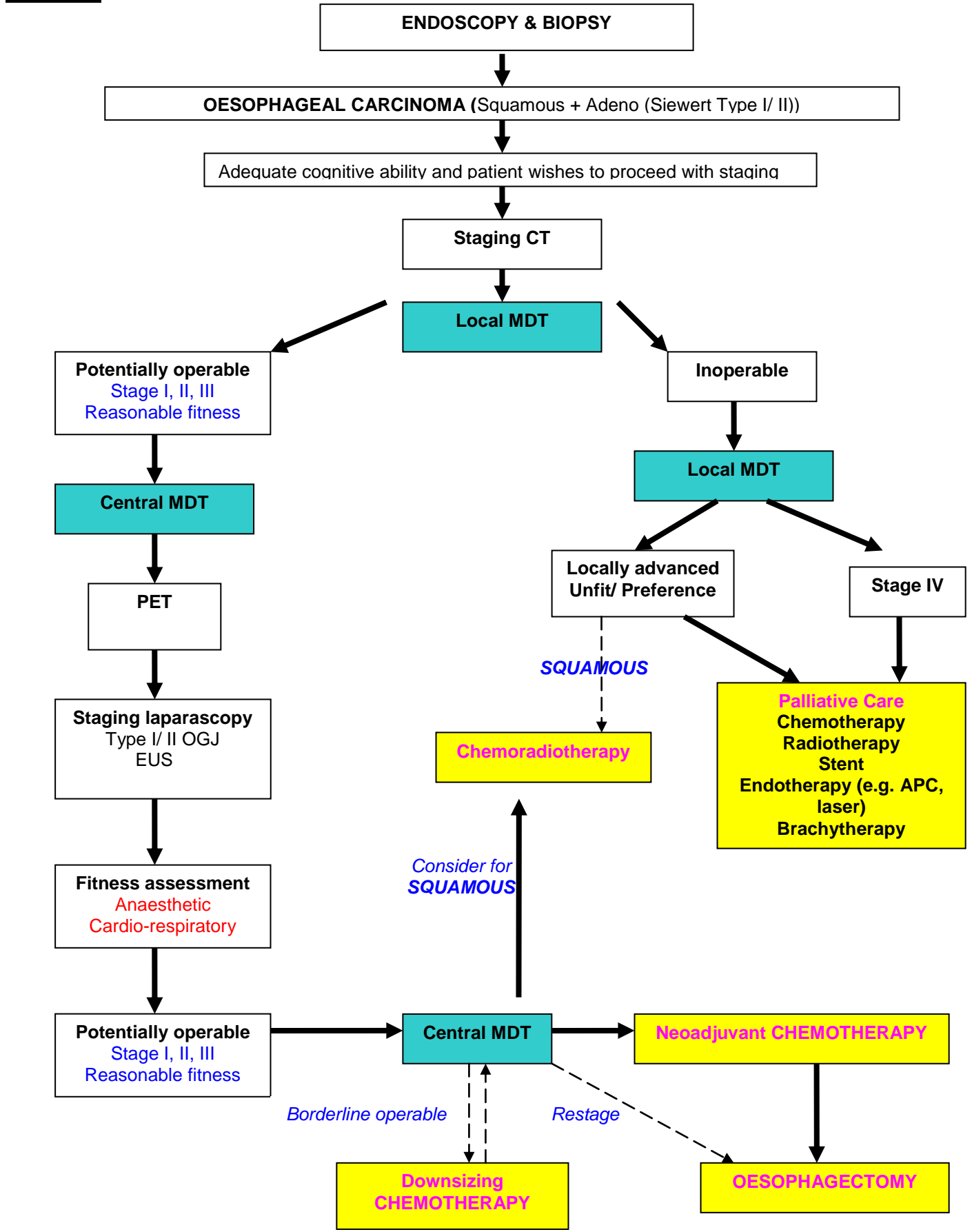
#### **2.2.1 Palliative chemotherapy**

ECX (ECF) symptomatic and survival benefit (Cochrane review; 2004)  
Approx. 45% response rate  
Max 8 cycles

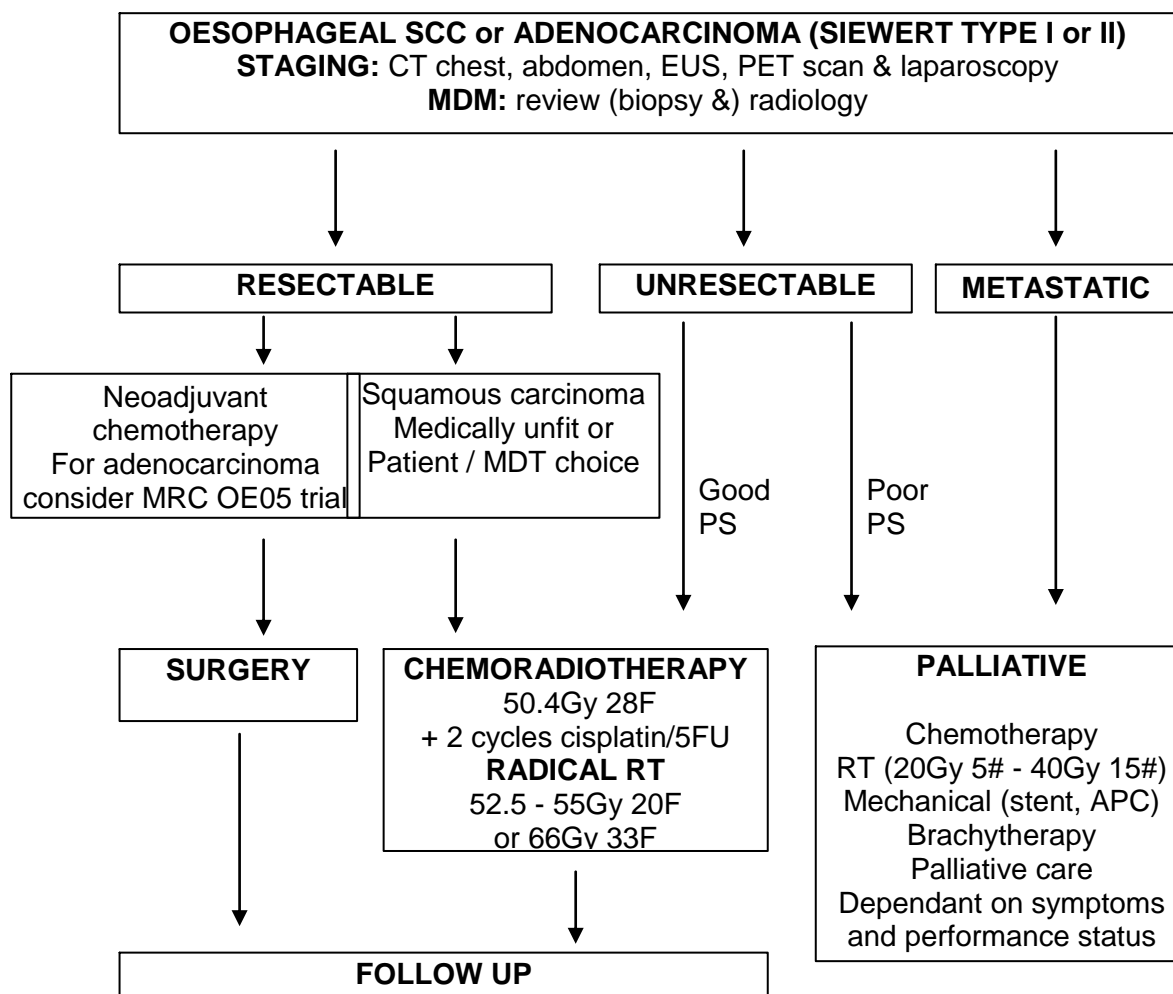
No standard second line regime  
Reported activity for docetaxel / irinotecan (consider phase II trial)  
Cannot be recommended routinely

Consider:  
Best supportive care  
Palliative bypass / stent (obstruction)  
APC / radiotherapy (haemorrhage)  
Enteral feeding

**3. ALGORITHM for OESOPHAGEAL CARCINOMA (excluding EOC/HGD – see separate guideline)**



#### 4. OESOPHAGUS



#### 4.1 **POTENTIALLY OPERABLE (CURATIVE)**

##### 4.1.1 **Neoadjuvant chemotherapy**

Current NCRN trial OE05  
2 cisplatinum / 5FU v 4 ECX  
Adenocarcinoma oesophagus including type1, 2 OGJ

Standard treatment 2 cycles cisplatinum/5FU (MRC OE02 trial; Lancet 2002)

Alternatives:

Type 1, 2 adenocarcinoma OGJ – 3 cycles ECF / ECX (STO2 MAGIC trial; Lancet 2007)

Squamous carcinoma – 3 - 4 cycles MIC (J Clin Onc 2003)

##### 4.1.2 **Direct to Oesophagectomy**

Patient informed choice

Emergent setting – bleeding or perforation.

T1 oesophageal cancer or HGD not amenable to endoscopic therapy

#### **4.1.3 Downsizing chemotherapy**

If uncertain operability consider downsizing chemotherapy

Max 6 cycles with repeat CT scan after 3 - 4 to reassess

Squamous MIC

Adenocarcinoma – ECX/ECF

Restage and MDT review after completion

#### **4.1.4 Radical chemoradiation**

Alternative to surgery in upper and mid oesophageal sq cell ca

Preferred treatment for post cricoid tumours

50.4Gy + 2 cycles cisplat/5FU (Herskovic NEJM 1992) or consider CX as an alternative

#### **4.1.5 Radical radiotherapy alone**

52.5-55Gy 20# or 66Gy 33# may be appropriate in pts deemed unfit for chemotherapy

#### **4.1.6 Adjuvant radiotherapy**

Unproven but consider on individual basis in patients with focally positive margins

### **4.2 PALLIATION**

#### **4.2.1 Palliative chemotherapy**

Adenocarcinoma - ECX (ECF) - as per gastric cancer (Max 8 cycles)

Squamous carcinoma – MIC (Max 6 cycles)

#### **4.2.2 Palliative radiotherapy**

20Gy 5# - 40Gy 15#

Consider:

- Best supportive care
- Palliative stent (obstruction)
- Palliative endotherapy - laser / APC
- Enteral feeding