

1 **Appendices**

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3 **Appendix 1: ECOG & KARNOFSKY Performance Status**

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ECOG PERFORMANCE STATUS [1] [2]		KARNOFSKY PERFORMANCE STATUS [3]	
GRADE	Description	GRADE	Description
0	Fully active, able to carry on all pre-disease performance without restriction	100	Normal, no complaints; no evidence of disease
		90	Able to carry on normal activity; minor signs or symptoms of disease
1	Restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, e.g., light house work, office work	80	Normal activity with effort, some signs or symptoms of disease
		70	Cares for self but unable to carry on normal activity or to do active work
2	Ambulatory and capable of all selfcare but unable to carry out any work activities; up and about more than 50% of waking hours	60	Requires occasional assistance but is able to care for most of personal needs
		50	Requires considerable assistance and frequent medical care
3	Capable of only limited selfcare; confined to bed or chair more than 50% of waking hours	40	Disabled; requires special care and assistance
		30	Severely disabled; hospitalization is indicated although death not imminent
4	Completely disabled; cannot carry on any selfcare; totally confined to bed or chair	20	Very ill; hospitalization and active supportive care necessary
		10	Moribund
5	Dead	0	Dead

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9 **Appendix 2: Documentation of lymphadenectomy during total gastrectomy [4]**
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No.	Location		D2 Lymphadenectomy completed lymphadenectomy = <input type="checkbox"/>
1*	Right paracardial	Right paracardial LNs, including those along the first branch of the ascending limb of the left gastric artery.	<input type="checkbox"/>
2*	Left paracardial	Left paracardial LNs including those along the esophagocardiac branch of the left subphrenic artery	<input type="checkbox"/>
3a*	Left gastric vessel	Lesser curvature LNs along the branches of the left gastric artery	<input type="checkbox"/>
3b*	Right gastric vessel	Lesser curvature LNs along the 2nd branch and distal part of the right gastric artery	<input type="checkbox"/>
4sa*	Short gastric vessel	Left greater curvature LNs along the short gastric arteries (perigastric area)	<input type="checkbox"/>
4sb*	Left gastroepiploic	Left greater curvature LNs along the left gastroepiploic artery (perigastric area)	<input type="checkbox"/>
4d*	Right gastroepiploic	Right greater curvature LNs along the 2nd branch and distal part of the right gastroepiploic artery	<input type="checkbox"/>
5*	Suprapyloric	Suprapyloric LNs along the 1st branch and proximal part of the right gastric artery	<input type="checkbox"/>
6*	Infrapyloric	Infrapyloric LNs along the first branch and proximal part of the right gastroepiploic artery down to the confluence of the right gastroepiploic vein and the anterior superior pancreaticoduodenal vein	<input type="checkbox"/>
7*	Left gastric artery	LNs along the trunk of left gastric artery between its root and the origin of its ascending branch	<input type="checkbox"/>
8a**	Common hepatic artery	Anterosuperior LNs along the common hepatic artery	<input type="checkbox"/>
8b	Common hepatic artery	Posterior LNs along the common hepatic artery	<input type="checkbox"/>
9**	Celiac artery	Celiac artery LNs	<input type="checkbox"/>
10**	Splenic hilum	Splenic hilar LNs including those adjacent to the splenic artery distal to the pancreatic tail, and those on the roots of the short gastric arteries and those along the left gastroepiploic artery proximal to its 1st gastric branch	<input type="checkbox"/>
11p**	Proximal splenic artery	Proximal splenic artery LNs from its origin to halfway between its origin and the pancreatic tail end	<input type="checkbox"/>
11d**	Distal splenic artery	Distal splenic artery LNs from halfway between its origin and the pancreatic tail end to the end of the pancreatic tail	<input type="checkbox"/>
12a**	Hepatoduodenal ligament along the hepatic artery	Hepatoduodenal ligament LNs along the proper hepatic artery, in the caudal half between the confluence of the right and left hepatic ducts and the upper border of the pancreas	<input type="checkbox"/>
12b	Hepatoduodenal ligament along the bile duct	Hepatoduodenal ligament LNs along the bile duct, in the caudal half between the confluence of the right and left hepatic ducts and the upper border of the pancreas	<input type="checkbox"/>
12p	Hepatoduodenal ligament along behind the portal vein	Hepatoduodenal ligament LNs along the portal vein in the caudal half between the confluence of the right and left hepatic ducts and the upper border of the pancreas	<input type="checkbox"/>
13	Posterior surface of pancreatic head	LNs on the posterior surface of the pancreatic head cranial to the duodenal papilla	<input type="checkbox"/>
14v	Superior mesenteric vein	LNs along the superior mesenteric vein	<input type="checkbox"/>
14a	Superior mesenteric artery	-	<input type="checkbox"/>
15	Middle colic vessels	LNs along the middle colic vessels	<input type="checkbox"/>
16a1	Aortic hiatus	Para-aortic LNs in the diaphragmatic aortic hiatus	<input type="checkbox"/>
16a2	Abdominal aorta (celiac trunk to left renal vein)	Para-aortic LNs between the upper margin of the origin of the celiac artery and the lower border of the left renal vein	<input type="checkbox"/>
16b1	Abdominal aorta (left renal vein to IMA)	Para-aortic LNs between the lower border of the left renal vein and the upper border of the origin of the inferior mesenteric artery	<input type="checkbox"/>
16b2	Abdominal aorta (IMA to aortic bifurcation)	Para-aortic LNs between the upper border of the origin of the inferior mesenteric artery and the aortic bifurcation	<input type="checkbox"/>
17	Anterior surface of pancreatic head	LNs on the anterior surface of the pancreatic head beneath the pancreatic sheath	<input type="checkbox"/>
18	Inferior margin of pancreas	LNs along the inferior border of the pancreatic body	<input type="checkbox"/>
19	Infradiaphragmatic	Infradiaphragmatic LNs predominantly along the subphrenic artery	<input type="checkbox"/>
20	Esophageal hiatus of the diaphragm	Paraesophageal LNs in the diaphragmatic esophageal hiatus	<input type="checkbox"/>
110	Paraesophageal lower thorax	Paraesophageal LNs in the lower thorax	<input type="checkbox"/>
111	Supradiaphragmatic	Supradiaphragmatic LNs separate from the esophagus	<input type="checkbox"/>
112	Posterior mediastinal	Posterior mediastinal LNs separate from the esophagus and the esophageal hiatus	<input type="checkbox"/>

*required for D1 lymphadenectomy

**required for D2 lymphadenectomy

<input type="checkbox"/>	Not required for MEGA trial
<input type="checkbox"/>	Optional for MEGA trial
<input type="checkbox"/>	Required for MEGA trial; if not explain why

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18 **Appendix 3: Clavien-Dindo-Classification [5]**
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Grades	Definition
I	Any deviation from the normal postoperative course without the need for pharmacological treatment or surgical, endoscopic and radiological interventions Allowed therapeutic regimens are: drugs as antiemetics, antipyretics, analgetics, diuretics and electrolytes and physiotherapy. This grade also includes wound infections opened at the bedside.
II	Requiring pharmacological treatment with drugs other than such allowed for grade I complications. Blood transfusions and total parenteral nutrition are also included.
III	Requiring surgical, endoscopic or radiological intervention
IIIa	Intervention not under general anesthesia
IIIb	Intervention under general anesthesia
IV	Life-threatening complication (including CNS complications)* requiring IC/ICU-management
IVa	single organ dysfunction (including dialysis)
IVb	multiorgan dysfunction
V	Death of a patient

20 *brain hemorrhage, ischemic stroke, subarachnoidal bleeding, but excluding transient ischemic attacks (TIA); IC: Intermediate
21 care; ICU: Intensive care unit.
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24 **Appendix 4: Katz Activities of Daily Living**
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Activities Points (1 or 0)	Independence (1 Point) NO supervision, direction or personal assistance.	Dependence (0 Points) WITH supervision, direction, personal assistance or total care.
BATHING Points: _____	Bathes self completely or needs help in bathing only a single part of the body such as the back, genital area or disabled extremity.	Need help with bathing more than one part of the body, getting in or out of the tub or shower. Requires total bathing.
DRESSING Points: _____	Get clothes from closets and drawers and puts on clothes and outer garments complete with fasteners. May have help tying shoes.	Needs help with dressing self or needs to be completely dressed.
TOILETING Points: _____	Goes to toilet, gets on and off, arranges clothes, cleans genital area without help.	Needs help transferring to the toilet, cleaning self or uses bedpan or commode.
TRANSFERRING Points: _____	Moves in and out of bed or chair unassisted. Mechanical transfer aids are acceptable	Needs help in moving from bed to chair or requires a complete transfer.
CONTINENCE Points: _____	Exercises complete self control over urination and defecation.	Is partially or totally incontinent of bowel or bladder.
FEEDING Points: _____	Gets food from plate into mouth without help. Preparation of food may be done by another person.	Needs partial or total help with feeding or requires parenteral feeding.

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42 **Appendix References**

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