



## Ramucirumab 8 / Paclitaxel 80, adenocarcinoma esophagogastric junction and stomach

Protocol-ID: 327 V1.2 (Short), RAMU8/PACL80, AEG/Gastric Ca

### Indication(s)

- Gastric Cancer; ICD-10 C16.-, C16.0
- Esophageal Cancer (Adenocarcinoma of the esophagogastric junction (AEG)); ICD-10 C15.-

### Protocol classification

- Classification: alternative
- Intensity: Standard dose
- Therapy mode: Second line
- Therapy intention: palliative

### Cycles

Cycle length 28 days, recommended cycles: 5

### Risks

- Emetogenicity (MASCC/ESMO): low (10-30%)
- Neutropenia: high (21-40%)
- Febrile Neutropenia: low (<10%)
- Thrombocytopenia below 50 000/ $\mu$ l: low (<10%)
- Anemia Hb below 8g/dl: moderate (6-15%)
- Hypertension: CTC AE  $^{\circ}$ 1-2: 10%;  $^{\circ}$ 3-4: 14%
- Proteinuria: CTC AE  $^{\circ}$ 1-2: 15%;  $^{\circ}$ 3-4: 1%
- Fatigue: CTC AE  $^{\circ}$ 1-2: 45%;  $^{\circ}$ 3-4: 12%
- Infusion Reaction: CTC AE  $^{\circ}$ 1-2: 5%;  $^{\circ}$ 3-4: 1%
- Hemorrhage: CTC AE  $^{\circ}$ 1-2: 38%;  $^{\circ}$ 3-4: 5%
- Neuropathy: CTC AE  $^{\circ}$ 1-2: 38%;  $^{\circ}$ 3-4: 8%

### Therapy

#### Hydration: Balanced Crystalloid Solution

HYD

Access: peripheral venous

Hydration before, during, or after antitumor therapy

Day	Substance	Dosage	Solution	Appl.	Inf. time	Procedure
1,15	Balanced Crystalloid Solution	500 ml		i.v.	60 min	60 min before Ramucirumab (d1,15)
8	Balanced Crystalloid Solution	500 ml		i.v.	60 min	60 min before Paclitaxel (d8)

**Allergy prophylaxis: Paclitaxel****AP**

Access: peripheral venous

Dexamethasone, dimetinden maleate, cimetidine

Day	Substance	Dosage	Solution	Appl.	Inf. time	Procedure
1,15	<b>Dexamethasone</b>	20 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Ramucirumab (d1,15)
8	<b>Dexamethasone</b>	20 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Paclitaxel (d8)
1,15	<b>Dimetinden</b>	4 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Ramucirumab (d1,15)
8	<b>Dimetinden</b>	4 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Paclitaxel (d8)
1,15	<b>Cimetidine</b>	300 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Ramucirumab (d1,15)
8	<b>Cimetidine</b>	300 mg	NaCl 0.9% 50 ml	i.v.	5 min	30 min before Paclitaxel (d8)

**Antineoplastic therapy: RAMU8/PACL80****CTX**

Access: peripheral venous

Ramucirumab/paclitaxel in advanced adeno-Ca of the stomach and adeno-Ca of the gastroesophageal junction.

Day	Substance	Dosage	Solution	Appl.	Inf. time	Procedure
1,15	<b>Ramucirumab</b>	8 mg/kg bw	NaCl 0.9% 250 ml	i.v.	60 min	Sequence
Maximum infusion rate 25 mg/min.						
1,8,15	<b>Paclitaxel</b>	80 mg/m <sup>2</sup> BSA	NaCl 0.9% 250 ml	i.v.	60 min	Sequence

**Substance links**Links to substances are found [here](#).**Concomitant therapy supplements**

Dexamethasone for antiemesis and Ramucirumab allergy prophylaxis are covered by Paclitaxel allergy prophylaxis. For infusion reactions, see the respective summary of product characteristics.

**References**

- Wilke H, Ramucirumab plus paclitaxel versus placebo plus paclitaxel in patients with previously treated advanced gastric or gastro-oesophageal junction adenocarcinoma (RAINBOW): a double-blind, randomised phase 3 trial. *Lancet Oncol* 2014 Oct;15(11):1224-35. doi: 10.1016/S1470-2045(14)70420-6. PMID: 25240821. [[PMID](#)]

**Recommendations**

- 09/2016: [European Society for Medical Oncology](#)
- 06/2021: [National Comprehensive Cancer Network](#)



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