

# Availability of and access to antiemetics needed for the prevention of chemotherapy induced nausea and vomiting after HEC and carboplatin in Serbia

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Serbia



2018

28-30 JUNE  
VIENNA, AUSTRIA

SUPPORTIVE CARE  
MAKES EXCELLENT  
CANCER CARE POSSIBLE



**2018**  
28-30 JUNE  
VIENNA

**MASCC/ISOO**  
ANNUAL MEETING  
SUPPORTIVE CARE IN CANCER



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## Faculty Disclosure

x	<b>NO DISCLOSURES</b>



## **ESMO European Consortium Study on the availability, out-of-pocket costs and accessibility of antineoplastic medicines in Europe**

N. Cherny<sup>1\*</sup>, R. Sullivan<sup>2</sup>, J. Torode<sup>3</sup>, M. Saar<sup>4</sup> & A. Eniu<sup>5</sup>

- **Management of cancer predicted by the availability of/access to anticancer medications!**
- **Management of cancer sy/treatment toxicities predicted by the availability of/access to supportive care medications**

# Situation in Serbia (2018.)

- Last list of meds reimbursed by RHIF: full reimbursement of several new anticancer medications (immunotherapy, targeted agents)
- What about supportive care medications?



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# Objective

- To evaluate availability, access and affordability of antiemetics recommended by the MASCC/ESMO guidelines (2016)
- Focus on the NK1RAs, 5HT3RAs, and DEX recommended for the prevention of CINV after HEC (non-AC and AC) and carboplatin

MASCC and ESMO Consensus Guidelines for the Prevention of Chemotherapy and Radiotherapy-Induced Nausea and Vomiting: ESMO Clinical Practice Guidelines. F. Roila, A. Molassiotis, J. Herrstedt, M. Aapro, R. J. Gralla, E. Bruera, et al. On behalf of the participants of the MASCC/ESMO Consensus Conference Copenhagen 2015. *Ann Oncol.* 2016; 27(suppl 5):v119-v133, 2016.



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# Methods

- **Availability:** registration and marketing authorisation
- **Accessibility:** fully / selectively reimbursed or paid by the patient
- **Affordability:** cost when paid out-of-pocket



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# Results

## NK1 RAs

**APR**

**FOSAPR**

**ROLA**

**NEPA**

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- **APR and NEPA reimbursed ONLY for CDDP, out-of-pocket cost: 53€ and 63€**
- **NK1 RAs not accessible for AC, non-AC (other than cisplatin) and carboplatin**

Bosnjak S, Popovic I, Zilic A. Availability of and access to medications needed for the implementation of MASCC/ESMO antiemetic guidelines in governmental hospitals in Serbia. Support Care Cancer 24, 2016 (Suppl 1:1-249; abstract eP003) doi: 10.1007/s00520-016-3209-z.



# Results

## 5HT3 RAs



<b>OND</b>	<b>GRAN</b>	<b>PALO</b>
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- **OND, GRAN both available and accessible**

- **PALO reimbursed ONLY for CDDP, out of pocket cost: 50 €**

- Bosnjak S, Popovic I, Zilic A. Availability of and access to medications needed for the implementation of MASCC/ESMO antiemetic guidelines in governmental hospitals in Serbia. Support Care Cancer 24, 2016 (Suppl 1:1-249; abstract eP003) doi: 10.1007/s00520-016-3209-z.





# Results

- **Dexamethasone tbl 4mg, 8mg not reimbursed, out-of-pocket cost: 10€/20tbl**
- **Olanzapine use as an antiemetic is off-label**
- **OFF-LABEL use is not recognized as legitimate in Serbia!**



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# Conclusions:

- **2018. – better access to anticancer medications in Serbia**
- **Guidelines-recommended prevention of CINV for HEC-AC, HEC non-AC (except cisplatin) and carboplatin is not possible**
- **Implementation of MASCC /ESMO & ASCO CINV guidelines is only partially possible!**



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