



VULVAR CANCER QUALITY INDICATORS



The European Society of Gynaecological Oncology (ESGO) has developed a list of quality indicators for vulvar surgery that can be used to audit and improve the clinical practice in an easy and practical way. After a comprehensive literature search, each retained quality indicator was categorized as structural indicator, process indicator, and outcome indicator.

The quality indicators and proposed targets are based on the standards of practice determined from scientific evidence and/or expert consensus. The key characteristics of an ideal indicator are clear definition, clinical relevance, measurability, feasibility in clinical practice, and a scientific basis. These quality indicators may have to be modified in the future.

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Name	Specialty	Affiliation
Ate van der Zee	Gynaecologic Oncologist (chair)	University Medical Center, Groningen (Netherlands)
Maaïke Oonk	Gynaecologic Oncologist (co-chair)	University Medical Center, Groningen (Netherlands)
François Planchamp	Methodologist	Institut Bergonié, Bordeaux (France)
Peter Baldwin	Gynaecologic Oncologist	Addenbrooke's Hospital, Cambridge (United Kingdom)
Mariusz Bidzinski	Gynaecologic Oncologist	Holycross Oncology Center, Kielce (Poland)
Mats Brännström	Gynaecologic Oncologist	University of Gothenburg, Gothenburg (Sweden)
Fabio Landoni	Gynaecologic Oncologist	European Institute of Oncology, Milan (Italy)
Sven Mahner	Gynaecologic Oncologist	Ludwig Maximilian University of Munich, Munich (Germany)
Sergio Martinez	Gynaecologic Oncologist	Hospital Clinic of Barcelona, Barcelona (Spain)
Umesh Mahantshetty	Radiation Oncologist	Tata Memorial Hospital, Mumbai (India)
Mansoor Mirza	Medical Oncologist	Finsen Centre, Rigshospitalet, Copenhagen (Denmark)
Cordula Petersen	Radiation Oncologist	University Medical Center Hamburg, Hamburg (Germany)
Sigrid Regauer	Pathologist	Medical University of Graz, Graz (Austria)
Lukas Rob	Gynaecologic Oncologist	Charles University, Prague (Czech Republic)
Roman Rouzier	Surgeon	Pierre and Marie Curie University, Paris (France)
Elena Ulrikh	Gynaecologic Oncologist	N.N Petrov Research Institute of Oncology, St. Petersburg (Russia)
Jacobus van der Velden	Gynaecologic Oncologist	Academic Medical Center, Amsterdam (Netherlands)
Ignace Vergote	Gynaecologic Oncologist	University Hospital Leuven, Leuven (Belgium)
Linn Woelber	Gynaecologic Oncologist	University Medical Center Hamburg, Hamburg (Germany)

Quality indicators

Quality indicator #1

TYPE	Structure indicator
DESCRIPTION	Number of new vulvar cancer patients per year per institute
SPECIFICATIONS	Number of new vulvar cancer patients per year per institute
TARGET(S)	Optimal: 50 new vulvar cancer patients per year per institute Minimal: 20 new vulvar cancer patients per year per institute

Quality indicator #2

TYPE	Structure indicator
DESCRIPTION	Number of SN procedures per surgeon per year
SPECIFICATIONS	Number of SN procedures per surgeon per year
TARGET(S)	Optimal: 20 SN procedure per surgeon per year Minimal: 10 SN procedure per surgeon per year

Quality indicator #3

TYPE	Process indicator
DESCRIPTION	Completeness of preoperative workup for pts with SN procedure
SPECIFICATIONS	Complete work-up for SN detection include biopsy showing macroinvasive SCC of the vulva, and preoperative imaging of the groins to rule out gross nodal involvement <ul style="list-style-type: none"> Numerator: number of women with complete work-up in one year Denominator: number of women in whom SN procedure was performed in one year
TARGET(S)	Minimal required: 95% Optimal: 100%

Quality indicator #4

TYPE	Process indicator
DESCRIPTION	Proportion of patients with surgery performed by gynaecological oncologist within the center
SPECIFICATIONS	<ul style="list-style-type: none"> Numerator: number of women with vulvar cancer operated by gyn onc Denominator: total number of women with vulvar cancer who had surgery that year
TARGET(S)	Optimal / minimal: 100 / >90%

Quality indicator #5

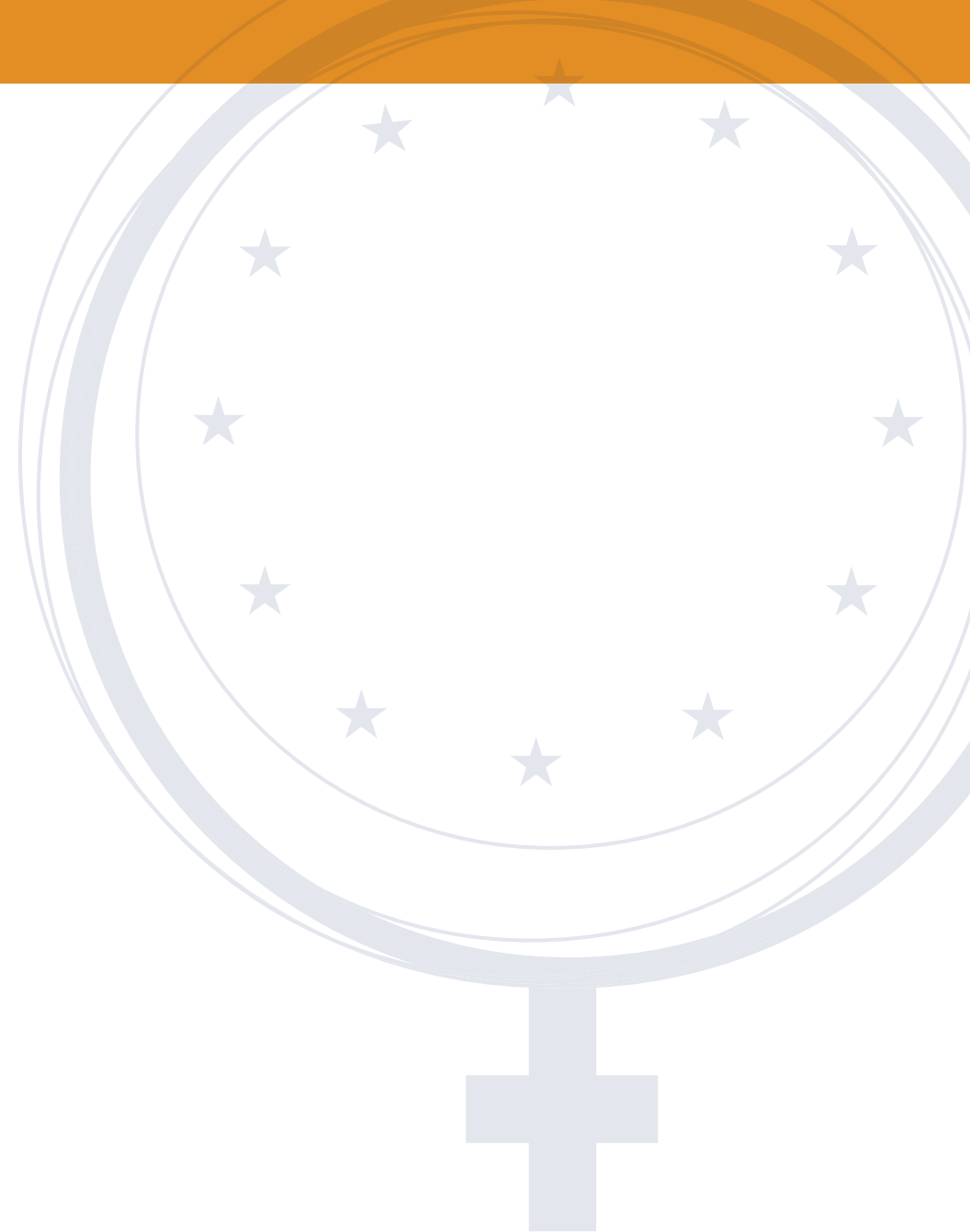
TYPE	Process indicator
DESCRIPTION	Proportion of patients discussed within MDT
SPECIFICATIONS	<ul style="list-style-type: none"> Numerator: number of women with vulvar cancer discussed in MDT Denominator: total number of women with vulvar cancer that year
TARGET(S)	Optimal / minimal: 100 / >90%

Quality indicator #6

TYPE	Outcome indicator + SN identification: > 95% of groins + Groin recurrence rate < 4 % per surg. Each QI has to be categorized as structural indicators, process indicators, and outcome indicators
DESCRIPTION	Successful SN procedure
SPECIFICATIONS	<ul style="list-style-type: none"> Numerator: number of women with vulvar cancer and successful SN procedure Denominator: total number of women with vulvar cancer in whom SN procedure was performed
TARGET(S)	Successful SN procedures Optimal target: > 99% Minimal required: > 95%

Quality indicator #7

TYPE	Outcome indicator
DESCRIPTION	Groin recurrence rate
SPECIFICATIONS	<ul style="list-style-type: none">• Numerator: number of women with groin recurrence after negative SN procedure• Denominator: total number of women with a negative SN
TARGET(S)	Groin recurrences after negative SN procedure. Optimal target: < 3%. (over 5 years) Minimal required: < 5% (over 5 years)





ESGO Office
7, Rue François-Versonnex
1211 Geneva 6, Switzerland
Email: adminoffice@esgomail.org

www.esgo.org