

Advanced Pressure Ulcer Management (D012562)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)
Credits 3.0 Study time 90 h Contact hrs 30.0 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 2)	English	Gent	lecture	15.0 h
			online lecture	5.0 h
			clinical lectures	5.0 h
			online clinical lectures	5.0 h

Lecturers in academic year 2020-2021

Beeckman, Dimitri	GE39	lecturer-in-charge
Kottner, Jan	GE39	co-lecturer
Moore, Zena	GE39	co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Nursing and Midwifery	3	A

Teaching languages

English

Keywords

Pressure ulcers, woundcare, prevention, treatment, aetiology

Position of the course

A pressure ulcer is a localized injury of the skin and/or underlying tissue resulting from an internal response to an external mechanical load, applied to soft biological tissues, generally over a bony prominence. This external mechanical load can be a force perpendicular to the skin surface (pressure), a force parallel to the skin surface (shear), or a combination of pressure and shear. The reported prevalence rates ranged from 8.9% to 18.1% in hospitals and from 6.4% to 31.4% in nursing homes. The aim of this course is to give students advanced insights into pressure ulcer aetiology, epidemiology, policy, management, and strategies for quality of improvement. The content will be delivered by internationally recognized European experts in the field. The course is organised in collaboration with the European Pressure Ulcer Advisory Panel and runs in parallel with an international pressure ulcer masterclass. The programme will be a mix of lectures, workshops, a guided tour in the wound care department, complex case discussions, group work, ...

IMPORTANT: This course will be organised at the Catholic University of Portugal (Porto) between March 9 - 11, 2021. Participation is required.

Contents

- Etiology and biomechanics of pressure ulcers
- Pressure ulcer epidemiology, diagnosis and classification
- Pressure ulcer prevention (including specific patients populations)
- Pressure ulcer treatment (focus on complex cases)
- Methods for guideline and protocol development
- Implementation, quality indicators, quality improvement projects
- (Basic principles about) research and pressure ulcers (including health economics)

Initial competences

Basic knowledge about woundcare and pressure ulcer prevention and treatment

Final competences

- 1 Describing the risk assessment, skin assessment, repositioning, devices for prevention and treatment (mattresses, overlays, cushions, dressings), local wound management, indications for surgery, devices for heel ulcer prevention and treatment, and nutrition and hydration for pressure ulcer prevention and treatment.
- 2 Having clinical decision-making skills to prevent and treat individuals with pressure ulcers or risk of pressure ulcer development (case based assessment).
- 3 Identifying and selecting pressure ulcer guidelines and other literature, and critically evaluate its relevance and scientific value.
- 4 Nominating and reflecting on the process of guideline and protocol development, and methods for quality evaluation.
- 5 Developing a pressure ulcer management protocol for a specific healthcare context.
- 6 Identifying the processes/factors which stimulate or hinder the implementation of a pressure ulcer management protocol in practice and developing strategies to enhance implementation in practice.

Conditions for credit contract

This course unit cannot be taken via a credit contract

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Lecture, clinical lectures, online lecture, online clinical lectures

Extra information on the teaching methods

Face-to-face lecturing, online teaching, interactive teaching

Learning materials and price

- Demarré L, Van Lancker A, Van Hecke A, Verhaeghe S, Grypdonck M, Lemey J, Annemans L, Beeckman D. The cost of prevention and treatment of pressure ulcers: A systematic review. *Int J Nurs Stud.* 2015 Nov;52(11):1754-74.
- Demarré L, Verhaeghe S, Annemans L, Van Hecke A, Grypdonck M, Beeckman D. The cost of pressure ulcer prevention and treatment in hospitals and nursing homes in Flanders: A cost-of-illness study. *Int J Nurs Stud.* 2015 Jul;52(7):1166-79.
- Beeckman D, Matheï C, Van Lancker A, Van Houdt S, Vanwalleghem G, Gryson L, Heyman H, Thyse C, Toppets A, Stordeur S, Van den Heede K. Een nationale richtlijn voor Decubituspreventie. *Good Clinical Practice (GCP).* Brussel: Federaal Kenniscentrum voor de Gezondheidszorg (KCE). 2012. KCE Reports 193A. D/2012/10.273/95.
- Beeckman D, Matheï C, Van Lancker A, Vanwalleghem G, Van Houdt S, Gryson L, Heyman H, Thyse C, Toppets A, Stordeur S, Van Den Heede K. Een nationale richtlijn voor de behandeling van decubitus - Synthese. *Good Clinical Practice (GCP).* Brussel: Federaal Kenniscentrum voor de Gezondheidszorg (KCE). 2013. KCE Reports 203As. D/2013/10.273/27.
- National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacific Pressure Injury Alliance. *Prevention and Treatment of Pressure Ulcers: Quick Reference Guide.* Emily Haesler (Ed.). Cambridge Media: Perth, Australia; 2014.

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation

Examination methods in case of periodic evaluation during the first examination period

Written examination, assignment

Examination methods in case of periodic evaluation during the second examination period

Written examination, assignment

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Calculation of the examination mark

Assignment = 30% of total score

Written examination = 70% of total score
Any partial result for which at least 50% was achieved can be transferred to the second attempt exam period.