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| COURSE CODE: EIMSUA29  ECTS: **5** | | EQF/MQF: **6** |
| Title of Unit | Evidence-Based Dentistry I | |
| Unit Description | Evidence-Based Dentistry, thanks to an accurate analysis of scientific literature helps professionals to deliver high-quality dental care and ensuring optimal outcomes for patients. Students will familiarize with scientific literature; they will have confidence with scientific rational for clinical decisions in dental practice.. | |
| Learning Outcomes | Competences: – at the end of the module/unit the learner will have acquired the responsibility and autonomy to: | |
| Through this study-unit students will be introduced to the concepts of evidence-based dentistry (EBD).  Students are required to identify an issue arising from clinical practice and will develop this into a focused question. Students will learn basics of understanding, analysing and synthesizing the evidence retrieved and they also will develop academic reading and writing skills. | |
| Knowledge – at the end of the module/unit the learner will have been exposed to the following: | |
| a) Discuss the concept of evidence-based practice in healthcare;  b) Outline the process of evidence-based dentistry;  c) Discuss the main research designs underlying published evidence;  d) Discuss how to undertake a systematic search of the literature;  e) Discuss how to critically appraise research evidence;  f) Demonstrate the skills required to implement evidence in practice. | |
| Skills – at the end of the module/unit the learner will have acquired the following skills: | |
| a) Discuss critically the concept of evidence-based practice in healthcare;  b) Explain the process of evidence-based dentistry;  c) Formulate a problem into an answerable format; PICO /PECO?  d) Describe the main research designs underlying published evidence;  e) Undertake a systematic search of the literature;  f) Demonstrate the basic concepts behind academic reading and writing;  g) Critically appraise research evidence;  h) Critically discuss the skills required to implement evidence in practice. | |
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| Judgment Skills and Critical Abilities | The learner will be able to:  a)  Develop scientific reasoning  b)  make professional judgements on ethical issues with respect the content area in this unit  c)  master problem-solving skills with respect to the differential identification of the content area in this unit  d)  foster a disposition of respect towards future clients/patients and sensitivity for their medical needs  e)  promote the values of medical ethics that include the respect for patient autonomy, avoidance of harm, action that equitably promotes the heath of the patient and of society.  These values, dispositions, skills and judgements are inculcated as part of the incidental learning throughout the Unit. | |
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| Assessment | AF1 | |
| Reading List | ***Core Reading List***  *Evidence based clinical practice - La pratica clinico assistenziale basata su prove di efficacia. Chiari - Mosci - Naldi - Centro Studi EBN. McGraw-Hill 2011. ISBN: 9788838636738*  *Evidence-Based Dentistry: An Introduction. Allan Hackshaw, Elizabeth Paul, Elizabeth Davenport. Wiley-Blackwell 2006. ISBN: 978-1-405-12496-6*  *Evidence-Based Dentistry for the Dental Hygienist 1st Edition. Julie Frantsve-Hawley. Quintessence Pub Co 2014. ISBN-13 : 978-0867156461*  *Evidence Based Dentistry An Issue of Dental Clinics of North America, 1st Edition. Robert J Weyant. Elsevier 2018. ISBN: 9780323654968*  *Dental Caries. Ole Fejerskov. Wiley-Blackwell 2015. ISBN 9781118935828* | |