

Wahlfach II: Plastische Chirurgie - WUNDMANAGEMENT

Modul-Code: MSE_WP 546

Wahlpflichtveranstaltung mit mind. 4 bis max. 8 Studierenden

Art und Umfang der Lehrveranstaltungen:

10 Std. Vorlesung

11 Doppel-Std. Seminar

Studienjahr / Tertial / Zeiten:

1. Tertial:

19.11. -30.11.2018

Tgl. 8:30 bis ca. 10:00 Uhr

2. Tertial:

04.02.-15.02.2019

Tgl. 8:30 bis ca. 10:00 Uhr

3. Tertial:

27.05.-07.06.2019

Tgl. 8:30 bis ca. 10:00 Uhr

Ort: Seminarraum Bettenhaus (K6), Ebene 7, zw. Stat. 27+37

Lehrverantwortliche/r: PD Dr. Andreas Jokuszies, OE 6260, -PÄHW Chirurgie-

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Eingangsvoraussetzungen: Immatrikulation in Humanmedizin

Studienleistungen:

Regelmäßige Anwesenheit und 60 % der möglichen Gesamtpunkte in der Klausur.

Prüfungsform: **Schriftlich**

Prüfungstermine: jeweils der letzte Kurstag (freitags)

Wiederholungstermine: Mündliche Prüfungen nach Absprache

Lernziele:

Wundmanagement

Differenzierte Beschreibung der Wundsituation

Klinische Differentialdiagnose

Erforderliche Diagnostik

Klassifikation der Wunde

Entwicklung eines Therapiekonzeptes

Behandlungsoptionen konservativ und chirurgisch

Veranstaltungsinhalte:

Physiologie und Anatomie der Haut, Wunde/Wundheilung allgemein

Mikrobiologie und Hygiene

Gefäßsystem, Ulcus cruris, CVI, PAVK

Stagnierende Wunde, Diabetes Mellitus, Amputation, Orthopädietechnik

Techniken des Wundverschlusses

Dekubitalulkus- / -Prophylaxe, Organisation des Überleitungs-Entlassungsmanagements

Wundbehandlungsmittel und deren Anwendungsmethoden

Vakuumversiegelung, Verbandstechniken, Kompression

Verbrennungsverletzung

Operative Techniken

„Kleiner Operationskurs“ an der Leiche

Sozialwissenschaftliche und psychologische Grundlagen

Die Bedeutung der Wunde für den Menschen

Grundlagen der Schmerztherapie

Ernährung

Empfohlene Literatur:

1. Wound Healing Society. Guidelines for the best care of chronic wounds. *Wound Repair Regen* 2006; 14: 647-710.
2. Grey JE, Harding KG. The chronic non-healing wound: how to make it better. *Hospital medicine* 1998; 59: 557-63.
3. Strausberg J, Lehmann N, Kröger K, Maier I, Schneider H, Niebel W. Changes in secondary care may explain increasing pressure ulcer rates in an University Clinic in Germany. *Wound Management* 2007; 5:194-8.
4. German National Healthservice; Report of the year 2007.
5. Martin GM. *Frontiers of Aging. Science* 2001;294: 13.
6. Lazarus GS , Cooper DM, Knigthon DR, Margolis DJ, Pecoraro RE, Rodeheaver G, Robson MC. Definitions and guidelines for the assessment of wounds and evaluation of healing. *Arch Dermatol* 1994; 130: 489-93.
7. Mustoe TA, O'Shaughnessy K, Kloeters O. Chronic wound pathogenesis and current treatment strategies: a unifying hypothesis. *J Plast Reconstr Surg* 2006; 117: 35-41.
8. Mustoe TA, O'Shaughnessy K, Kloeters O. Chronic wound pathogenesis and current treatment strategies: a unifying hypothesis. *Plast Reconstr Surg* 2006;117 (Suppl): 35-41 .
9. Singh N, Armstrong D, Lipsky B. Preventing foot ulcers in patients with diabetes. *JAMA* 2005; 293: 217-28. [LIT REV]
10. Mayfield J, Sugarman J, The use of the Semmes-Weinstein monofilament and other threshold test for preventing foot ulceration and amputation in persons with diabetes. *J Fam Pract* 200; 49: 17-29. [LIT REV]
11. Clark M. Repositioning to prevent pressure sores - what is evidence? *Nurs Standard* 1998; 13: 56-64.
12. Bourdel Marchasson I, Barateau M, Rondeau V, Dequae Maerchadou L, Salles Montaudon N, Emeriau JP, Manciet G, Dartigues JF. A multicenter trial of the effects of oral nutritional supplementation in critically ill older inpatients. GAGE Group. *Groupe Aquitain Geriatrique d'Evaluation. Nutrition* 2000; 16: 15. [RCT]

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13. Menke NB, Ward KR, Witten TM, Bonchev DG, Diegelmann RF. Impaired wound healing. *Clin Dermatol* 2007; 25: 19-25.
14. Harding KG, Morris HL, Patel GK. Healing chronic wounds. *BMJ* 2002; 324:160-3. [LIT REV]
15. Henderson EA. The potential effect of fibroblast senescence on wound healing and the chronic wound environment. *J Wound Care* 2006; 15: 315-8.
16. Ayello EA, Dowsett C, Schultz GS, Sibbald RG, Falanga V, Harding KG, Romanelli M, Stacey M, Teot L, Vanscheidt, W. TIME heals all wounds. *Nursing* 2004; 34: 26-41.
17. Sibbald RG, Williamson D, Orsted HL. Preparing the wound bed – debridement, bacterial balance and moisture balance. *Ostomy/Wound Manage* 2000;46: 14-35. [LIT REV]
18. Steed DL. Debridement. *Am J Surg* 2004; 187: 71-74. [LIT REV]
19. Bradley M, Cullum N, Sheldon T. The debridement of chronic wounds: a systematic review. *Health Technol Assess* 1999; 3.
20. Treiman GS, Oderich GSC, Ashrafi A, Schneder PA. Management of ischemic heel ulceration and gangrene: An evaluation of factors associated with successful healing. *J Vasc Surg* 2000; 31: 1110-8.
21. Diehr S, Hamp A, Jamieson B. Do topical antibiotics improve wound healing? *J Fam Pract* 2007; 56: 140-4
22. Robson MC,. Wound infection: a failure of wound healing caused by an imbalance of bacteria, *Surg Clin North Am* 1997;77: 637-50. [LIT REV]
23. Dissemmond J. Praktische Konsequenzen durch den Nachweis von MRSA in chronischen Wunden (Practical consequences after MRSA identification in chronic wounds). *Hautarzt* 2007; 12: 1-6. [REV]
24. Vermeulen H, van Hattem JM, Storm-Versloot MN, Ubbink DT. Topical silver for treating infected wounds. *Cochrane Database of Systematic Reviews* 2007. [REV]
25. Chaby G, Senet P, Vaneau M, Martel P, Guillaume JC, Meaume S, Teot L, Debure C, Dompartin A, Bachelet H, Carsin H, Matz V, Richard JL, Rochet JM, Sales-Aussias N, Tagnoli A, Denis C, Guillot B, Chosidow O. Dressings for acute and chronic wounds: a systematic review. *Arch Dermatol* 2007; 143: 1297-304. [LIT REV]
26. Vaneau M, Chaby G, Guillot B, Martel P, Senet P, Teot L, Chosidow O. Consensus panel recommendations for chronic and acute wound dressings. *Arch Dermatol* 2007; 143: 1291-4.
27. Vuerstaek JD, Vainas T, Wuite J, Nelemans P, Neumann MH, Veraart JC. State-of-the-art treatment of chronic leg ulcers: A randomized controlled trial comparing vacuum-assisted closure (V.A.C.) with modern wound dressings. *J Vasc Surg* 2006; 44: 1029-37. [RCT]

28. Evans D, Land L. Topical negative pressure for treating chronic wounds. The Cochrane Database of Systematic Reviews 2001.
29. Falanga V, Sabolinski ML. Prognostic factors for healing of venous and diabetic ulcers. *Wounds* 200; 12: 42-6.
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33. Kranke P, Bennett M, Roeck-Wiedmannl, Debus S. Hyperbaric oxygen therapy for chronic wounds. The Cochrane Database of Systematic Reviews 2004.
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39. [Kuwahara M](#), [Tada H](#), [Mashiba K](#), [Yurugi S](#), [Iioka H](#), [Niitsuma K](#), [Yasuda Y](#). Mortality and recurrence rate after pressure ulcer operation for elderly long-term bedridden patients. [Ann Plast Surg](#). 2005; 54(6): 629-32.
40. [Gohel MS](#), [Barwell JR](#), [Taylor M](#), [Chant T](#), [Foy C](#), [Earnshaw JJ](#), [Heather BP](#), [Mitchell DC](#), [Whyman MR](#), [Poskitt KR](#). Long term results of compression therapy alone versus compression plus surgery in chronic venous ulceration (ESCHAR): randomised controlled trial. *BMJ* 2007; 335(7610): 83.
41. Maciejewski M, Reiber G, Smith D, Wallace C, Hayes S, Boyko E. Effectiveness of diabetic therapeutic footwear in preventing reulceration. *Diabetes Care* 2004; 27: 3024-5. [LIT REV]
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48. Gottrup F. Optimizing wound treatment through health care structuring and professional education. *Wound Repair Regen* 2004; 12: 129-33.
49. Clark M., Price PE. Is wound healing a true science or a clinical art? *Lancet* 2004; 364:1388-9.