

Part

13 感染症

第1章 皮膚軟部組織感染症

● 参考文献

1. Gunderson CG, et al. A systematic review of bacteremias in cellulitis and erysipelas. *J Infect* 2012; 64 : 148-55. PMID : 22101078
2. Hook EW 3rd, et al. Microbiologic evaluation of cutaneous cellulitis in adults. *Arch Intern Med* 1986; 146 : 295-7. PMID : 3947189
3. Hepburn MJ, et al. Comparison of short-course (5 days) and standard (10 days) treatment for uncomplicated cellulitis. *Arch Intern Med* 2004; 164 : 1669-74. PMID : 15302637
4. Wong CH, et al. Necrotizing fasciitis : clinical presentation, microbiology, and determinants of mortality. *J Bone Joint Surg Am* 2003; 85 : 1454-60. PMID : 12925624
5. Oh CC, et al. Antibiotic prophylaxis for preventing recurrent cellulitis : a systematic review and meta-analysis. *J Infect* 2014; 69 : 26-34. PMID : 24576824
6. Lam K, et al. Diagnostic Accuracy of Probe to Bone to Detect Osteomyelitis in the Diabetic Foot : A Systematic Review. *Clin Infect Dis* 2016; 63 : 944-8. PMID : 27369321

● 推奨文献

- Stevens DL, et al. Practice guidelines for the diagnosis and management of skin and soft tissue infections : 2014 update by the Infectious Diseases Society of America. *Clin Infect Dis* 2014; 59 : e10-52. PMID : 24973422 **ガイドライン**
- Swartz MN. Clinical practice. Cellulitis. *N Engl J Med* 2004; 350 : 904-12. PMID : 14985488
- Lipsky BA, et al. 2012 Infectious Diseases Society of America clinical practice guideline for the diagnosis and treatment of diabetic foot infections. *Clin Infect Dis* 2012; 54 : e132-73. PMID : 22619242 **ガイドライン**
- Burke VE, et al. Approach to skin and soft tissue infections in non-HIV immunocompromised hosts. *Curr Opin Infect Dis* 2017; 30 : 354-63. PMID : 28542092
- Lappin E, et al. Gram-positive toxic shock syndromes. *Lancet Infect Dis* 2009; 9 : 281-90. PMID : 19393958

第2章 尿路感染症

● 参考文献

1. Lie JT. Evaluation of a nitrite test kit (Stat-test) for the detection of significant bacteriuria. *J Clin Pathol* 1968; 21 : 443-4. PMID : 5697344
2. Coburn B, et al. Does this adult patient with suspected bacteremia require blood

- cultures? JAMA 2012 ; 308 : 502-11. PMID : 22851117
- Gupta K, et al. International clinical practice guidelines for the treatment of acute uncomplicated cystitis and pyelonephritis in women : A 2010 update by the Infectious Diseases Society of America and the European Society for Microbiology and Infectious Diseases. Clin Infect Dis 2011 ; 52 : e103-20. PMID : 21292654 **ガイドライン**
 - Johnson JR, et al. Acute Pyelonephritis in Adults. N Engl J Med 2018 ; 378 : 1162. PMID : 29562155
 - Ruoff KL, et al. Species identities of enterococci isolated from clinical specimens. J Clin Microbiol 1990 ; 28 : 435-7. PMID : 2108992
 - Hooton TM, et al. Diagnosis, prevention, and treatment of catheter-associated urinary tract infection in adults : 2009 International Clinical Practice Guidelines from the Infectious Diseases Society of America. Clin Infect Dis 2010 ; 50 : 625-63. PMID : 20175247 **ガイドライン**
 - Bonkat G, et al. Urological Infections. European Association of Urology, 2018. <<https://uroweb.org/guideline/urological-infections/>> **ガイドライン**
 - Eliakim-Raz N, et al. Duration of antibiotic treatment for acute pyelonephritis and septic urinary tract infection — 7 days or less versus longer treatment : systematic review and meta-analysis of randomized controlled trials. J Antimicrob Chemother 2013 ; 68 : 2183-91. PMID : 23696620
 - Spellberg B. The New Antibiotic Mantra—"Shorter Is Better". JAMA Intern Med 2016 ; 176 : 1254-5. PMID : 27455385
 - Bennett JE, et al. Mandell, Douglas, and Bennett's Principles and practice of infectious diseases. 9th ed. Philadelphia : Elsevier, 2019. **推奨文献**
 - van Nieuwkoop C, et al. Predicting the need for radiologic imaging in adults with febrile urinary tract infection. Clin Infect Dis 2010 ; 51 : 1266-72. PMID : 21034195
 - Sievert DM, et al. Antimicrobial-resistant pathogens associated with healthcare-associated infections : summary of data reported to the National Healthcare Safety Network at the Centers for Disease Control and Prevention, 2009-2010. Infect Control Hosp Epidemiol 2013 ; 34 : 1-14. PMID : 23221186
 - Meddings J, et al. The Ann Arbor Criteria for Appropriate Urinary Catheter Use in Hospitalized Medical Patients : Results Obtained by Using the RAND/UCLA Appropriateness Method. Ann Intern Med 2015 ; 162 (9 Suppl) : S1-34. PMID : 25938928
 - HICPAC. GUIDELINE FOR PREVENTION OF CATHETER- ASSOCIATED URINARY TRACT INFECTIONS 2009. CDC. <<https://www.cdc.gov/hicpac/pdf/cauti/cautiguide2009final.pdf>> **ガイドライン**

● 推奨文献

- デヴィッド L サイメルほか. JAMA 版論理的診察の技術. 東京 : 日経 BP 社, 2010.
- 青木 眞. レジデントのための感染症診療マニュアル第4版. 東京 : 医学書院, 2020.

第3章 肺感染症

● 参考文献

1. Metlay JP, et al. Does this patient have community-acquired pneumonia? Diagnosing pneumonia by history and physical examination, JAMA 1997 ; 278 : 1440-5.

PMID : 9356004

2. American Thoracic Society. Guideline for the Management of Adults with Hospital-acquired, Ventilator-associated, and Healthcare-associated Pneumonia. *Am J Respir Crit Care* 2005 ; 171 : 388-416. **ガイドライン**
3. Bennett JE, et al. Mandell, Douglas, and Bennett's Principles and practice of infectious diseases. 9th ed. Philadelphia : Elsevier, 2019.
4. Mandell LA, et al. Infectious Disease Society of America/American Thoracic Society Consensus Guidelines on the Management of Community-Acquired Pneumonia in Adults. *Clin Infect Dis* 2007 ; 44 Suppl 2 : S27-72. PMID : 17278083 **ガイドライン**
5. 日本呼吸器学会. 成人市中肺炎ガイドライン 2008. **ガイドライン**
6. Smith MD, et al. Rapid diagnosis of bacteremic pneumococcal infections in adults by using the Binax NOW Streptococcus pneumoniae urinary antigen test : a prospective, controlled clinical evaluation. *J Clin Microbiol* 2003 ; 41 : 2810-3. PMID : 12843005
7. Shimada T, et al. Systematic review and metaanalysis : urinary antigen tests for Legionellosis. *Chest* 2009 ; 136 : 1576-85. PMID : 19318671
8. 吉野 学ほか. LAMP (Loop-Mediated Isothermal Amplification) 法による *Mycoplasma pneumoniae* の高感度迅速検出. *感染症誌* 2008 ; 82 : 168-76.
9. Light RW. Parapneumonic Effusions and Empyema. *Proc Am Thorac Soc* 2006 ; 3 : 75-80. PMID : 16493154
10. Colice GL, et al. Medical and Surgical Treatment of Parapneumonic Effusions : An Evidence-Based Guideline. *Chest* 2000 ; 118 : 1158-71. PMID : 11035692 **ガイドライン**
11. Kalil AC, et al. Management of Adults With Hospital-acquired and Ventilator-associated Pneumonia : 2016 Clinical Practice Guidelines by the Infectious Diseases Society of America and the American Thoracic Society. *Clin Infect Dis* 2016 ; 63 : e61-e111. PMID : 27418577 **ガイドライン**
12. Cunha BA, et al. Legionnaires' disease. *Lancet* 2016 ; 387 : 376-85. PMID : 26231463
13. JAID/JSC 感染症治療ガイドライン—呼吸器感染症—<http://www.chemotherapy.or.jp/guideline/jaidjsc-kansenshochiryoko_kokyuki.pdf> **ガイドライン**
14. Liu C, et al. Clinical practice guidelines by the infectious diseases society of america for the treatment of methicillin-resistant *Staphylococcus aureus* infections in adults and children. *Clin Infect Dis* 2011 ; 52 : e18-55. PMID : 21208910 **ガイドライン**
15. Davies HE, et al. Management of pleural infection in adults : British Thoracic Society pleural disease guideline 2010. *Thorax* 2010 ; 65 Suppl 2 : ii41-53. PMID : 20696693 **ガイドライン**
16. Lim WS, et al. BTS guidelines for the management of community acquired pneumonia in adults : update 2009. *Thorax* 2009 ; 64 Suppl 3 : iii1-55. PMID : 19783532 **ガイドライン**

● 推奨文献

- Metlay JP, et al. Diagnosis and Treatment of Adults with Community-acquired Pneumonia. An Official Clinical Practice Guideline of the American Thoracic Society and Infectious Diseases Society of America. *Am J Respir Crit Care Med* 2019 ; 200 : e45-67. PMID : 31573350 **ガイドライン**

第4章 カテーテル関連血流感染症

◎参考文献

1. 安田英人ほか. カテーテル関連血流感染症予防に対してクロルヘキシジンアルコールは有用か. 日集中医誌 2013 ; 20 : 217-26. <https://www.jstage.jst.go.jp/article/jsicm/20/2/20_217/_pdf/-char/ja>
2. Safdar N, et al. Inflammation at the insertion site is not predictive of catheter-related bloodstream infection with short-term, noncuffed central venous catheters. Crit Care Med 2002 ; 30 : 2632-5. PMID : 12483050
3. Miller JM, et al. A Guide to Utilization of the Microbiology Laboratory for Diagnosis of Infectious Diseases : 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. Clin Infect Dis 2018 ; 67 : e1-94. PMID : 29955859 **ガイドライン**
4. Stryjewski ME, et al. Use of vancomycin or first-generation cephalosporins for the treatment of hemodialysis-dependent patients with methicillin-susceptible Staphylococcus aureus bacteremia. Clin Infect Dis 2007 ; 44 : 190-6. PMID : 17173215
5. Schweizer ML, et al. Comparative effectiveness of nafcillin or cefazolin versus vancomycin in methicillin-susceptible Staphylococcus aureus bacteremia. BMC Infect Dis 2011 ; 11 : 279. PMID : 22011388
6. Mermel LA, et al. Clinical practice guidelines for the diagnosis and management of intravascular catheter-related infection : 2009 Update by the Infectious Diseases Society of America. Clin Infect Dis 2009 ; 49 : 1-45. PMID : 19489710 **ガイドライン**
7. 荒川創一ほか. JAID/JSC 感染症治療ガイドライン 2017—敗血症およびカテーテル関連血流感染症—. 日本化学療法学会雑誌 2018 ; 66 : 82-117. <www.chemotherapy.or.jp/guideline/jaidjsc-kansenshochiryu_haiketsusyo.html> **ガイドライン**
8. Justo JA, et al. Antibiotic lock therapy : review of technique and logistical challenges. Infect Drug Resist 2014 ; 7 : 343-63. PMID : 25548523
9. O'Grady NP, et al. Guidelines for the prevention of intravascular catheter-related infections. Am J Infect Control 2011 ; 39 (4 Suppl 1) : S1-34. PMID : 21511081
10. O'Grady NP, et al. Guidelines for the prevention of intravascular catheter-related infections. Clin Infect Dis 2011 ; 52 : e162-93. PMID : 21460264 **ガイドライン**

第5章 結核

◎参考文献

1. 日本結核病学会予防委員会編. 結核診療ガイドライン改訂第4版. 東京 : 南江堂, 2018. **ガイドライン**
2. 厚生労働省. 平成 29 年結核登録者情報調査年報集計結果について. <https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000175095_00001.html>
3. Miller LG, et al. A population-based survey of tuberculosis symptoms : how atypical are atypical presentations? Clin Infect Dis 2000 ; 30 : 293-9. PMID : 10671331
4. 赤川志のぶ. 高齢者の結核の現状と治療の実際. 日老医誌. 2010 ; 47 : 165-73.
5. Korzeniewska-Kosela M, et al. Tuberculosis in young adults and the elderly. A prospective comparison study. Chest 1994 ; 106 : 28-32. PMID : 8020286
6. Jensen PA, et al. Guidelines for preventing the transmission of Mycobacterium tu-

- berculosis in health-care settings, 2005. MMWR Recomm Rep 2005 ; 54 (RR-17) : 1-141. PMID : 16382216 **ガイドライン**
7. Steingart KR, et al. Sputum processing methods to improve the sensitivity of smear microscopy for tuberculosis : a systematic review. Lancet Infect Dis 2006 ; 6 : 664-74. PMID : 17008175
 8. Steingart KR, et al. Fluorescence versus conventional sputum smear microscopy for tuberculosis : a systematic review. Lancet Infect Dis 2006 ; 6 : 570-81. PMID : 16931408
 9. Light RW. Pleural effusion. N Engl J Med 2002 ; 346 : 1971-7. PMID : 12075059
 10. Riantawan P, et al. Diagnostic value of pleural fluid adenosine deaminase in tuberculous pleuritis with reference to HIV coinfection and a Bayesian analysis. Chest 1999 ; 116 : 97-103. PMID : 10424510
 11. Riquelme A, et al. Value of adenosine deaminase (ADA) in ascetic fluid for the diagnosis of tuberculous peritonitis : a meta-analysis. J Clin Gastroenterol 2006 ; 40 : 705-10. PMID : 16940883
 12. Menzies D, et al. Four Months of Rifampin or Nine Months of Isoniazid for Latent Tuberculosis in Adults. N Engl J Med 2018 ; 379 : 440-53. PMID : 30067931
 13. Taylor Z, et al. Controlling tuberculosis in the United States. Recommendations from the American Thoracic Society, CDC, and the Infectious Diseases Society of America. MMWR Recomm Rep 2005 ; 54 : 1-81. PMID : 16267499
 14. Mase SR, et al. Yield of serial sputum specimen examinations in the diagnosis of pulmonary tuberculosis : a systematic review. Int J Tuberc Lung Dis 2007 ; 11 : 485-95. PMID : 17439669
 15. Yang YC, et al. Evaluation of the Cobas TaqMan MTB Test for Direct Detection of Mycobacterium tuberculosis Complex in Respiratory Specimens. J Clin Microbiol 2011 ; 49 : 797-801. PMID : 21177901
 16. Steingart KR, et al. Xpert[®] MTB/RIF assay for pulmonary tuberculosis and rifampicin resistance in adults. Cochrane Database Syst Rev 2013 ; (1) : CD009593. PMID : 23440842
 17. Lewinsohn DM, et al. Official American Thoracic Society/Infectious Diseases Society of America/Centers for Disease Control and Prevention Clinical Practice Guidelines : Diagnosis of Tuberculosis in Adults and Children. Clin Infect Dis 2017 ; 64 : e1-33. PMID : 27932390 **ガイドライン**
 18. Nahid P, et al. Official American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America Clinical Practice Guidelines : Treatment of Drug-Susceptible Tuberculosis. Clin Infect Dis 2016 ; 63 : e147-95. PMID : 27516382 **ガイドライン**
 19. 感染症の予防及び感染症の患者に対する医療に関する法律における結核患者の入退院及び就業制限の取扱いについて。健感発第 0907001 号 平成 26 年 1 月 29 日一部改正後全文 <http://www.jata.or.jp/dl/pdf/law/2014/2_2.pdf>

第6章 骨感染(骨髄炎, 椎体炎, 椎体周囲膿瘍)

◎ 参考文献

1. Ross PM, et al. Vertebral body osteomyelitis : spectrum and natural history : a retro-

spective analysis of 37 cases. Clin Orthop Relat Res 1976 ; (118) : 190-8.

PMID : 954277

2. Mylona E, et al. Pyogenic vertebral osteomyelitis : a systematic review of clinical characteristics. Semin Arthritis Rheum 2009 ; 39 : 10-7. PMID : 18550153
3. Newman LG, et al. Unsuspected osteomyelitis in diabetic foot ulcers. Diagnosis and monitoring by leukocyte scanning with indium in 111 oxyquinoline. JAMA 1991 ; 266 : 1246-51. PMID : 1908030
4. Friedmann JA, et al. Spontaneous disc space infections in adults. Surg Neurol 2002 ; 57 : 81-6. PMID : 11904193
5. Nolla JM, et al. Spontaneous pyogenic vertebral osteomyelitis in nondrug users. Semin Arthritis Rheum 2002 ; 31 : 271-8. PMID : 11836660
6. Smith EM, et al. Group B streptococcus infections of soft tissue and bone in California adults, 1995-2012. Epidemiol Infect 2015 ; 143 : 3343-50. PMID : 26418351
7. Vlahakis NE, et al. Osteoarticular infection complicating enterococcal endocarditis. Mayo Clin Proc 2003 ; 78 : 623-8. PMID : 12744551
8. Shuford JA, et al. Role of oral antimicrobial therapy in the management of osteomyelitis. Curr Opin Infect Dis 2003 ; 16 : 515-9. PMID : 14624099
9. Carragee EJ. The clinical use of magnetic resonance imaging in pyogenic vertebral osteomyelitis. Spine (Phila Pa 1976) 1997 ; 22 : 780-5. PMID : 9106320
10. Caragee EJ, et al. The clinical use of erythrocyte sedimentation rate in pyogenic vertebral osteomyelitis. Spine (Phila Pa 1976) 1997 ; 22 : 2089-93. PMID : 9322319
11. Yoon SH, et al. Pyogenic vertebral osteomyelitis : identification of microorganism and laboratory markers used to predict clinical outcome. Eur Spine J 2010 ; 19 : 575-82. PMID : 19937064
12. Park KH, et al. Optimal Duration of Antibiotic Therapy in Patients With Hematogenous Vertebral Osteomyelitis at Low Risk and High Risk of Recurrence. Clin Infect Dis 2016 ; 62 : 1262-9. PMID : 26917813
13. Gentry LO, et al. Ofloxacin versus parenteral therapy for chronic osteomyelitis. Antimicrob Agents Chemother 1991 ; 35 : 538-41. PMID : 2039205

●推奨文献

- Lipsky BA, et al. 2012 IDSA Clinical Practice Guideline for the Diagnosis and Treatment of Diabetic Foot Infections. Clin Infect Dis 2012 ; 54 : e132-73. PMID : 22619242 **ガイドライン**
- Berbari EF, et al. 2015 Infectious Diseases Society of America (IDSA) Clinical Practice Guidelines for the Diagnosis and Treatment of Native Vertebral Osteomyelitis in Adults. Clin Infect Dis 2015 ; 61 : e26-46. PMID : 26229122 **ガイドライン**
- Berbari EF, et al. Osteomyelitis. In : Bennett JE, et al. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases. 8th ed. Philadelphia : Elsevier, 2015 : 1318-27.

第7章 免疫不全患者における感染症

●参照文献

1. Kovacs JA, et al. Evolving health effects of Pneumocystis : one hundred years of

- progress in diagnosis and treatment. JAMA 2009 ; 301 : 2578-85. PMID : 19549975
2. Tasaka S, et al. Serum Indicators for the Diagnosis of Pneumocystis Pneumonia. Chest 2007 ; 131 : 1173-80. PMID : 17426225
 3. Thomas CF Jr, et al. Pneumocystis pneumonia. N Engl J Med 2004 ; 350 : 2487-98. PMID : 15190141
 4. Kaplan JE, et al. Guidelines for prevention and treatment of opportunistic infections in HIV-infected adults and adolescents : recommendations from CDC, the National Institutes of Health, and the HIV Medicine Association of the Infectious Diseases Society of America. MMWR Recomm Rep 2009 ; 58 : 1-207 ; quiz CE1-4. PMID : 19357635 **ガイドライン**
 5. Limper AH, et al. An official American Thoracic Society statement : Treatment of fungal infections in adult pulmonary and critical care patients. Am J Respir Crit Care Med 2011 ; 183 : 96-128. PMID : 21193785
 6. Perfect JR, et al. Clinical practice guidelines for the management of cryptococcal disease : 2010 update by the infectious diseases society of america. Clin Infect Dis 2010 ; 50 : 291-322. PMID : 20047480 **ガイドライン**
 7. Bicanic T, et al. Cryptococcal meningitis. Br Med Bull 2004 ; 72 : 99-118. PMID : 15838017
 8. Dioverti MV, et al. Cytomegalovirus. Microbiol Spectr 2016 Aug ; 4 (4). PMID : 27726793
 9. 日本造血細胞移植学会. 造血細胞移植ガイドライン ウイルス感染症の予防と治療 サイトメガロウイルス感染症 (第4版). 2018. <https://www.jshct.com/uploads/files/guideline/01_03_01_cmv04.pdf> **ガイドライン**
 10. Jang EY, et al. Diagnostic Performance of the Cytomegalovirus Antigenemia Assay in Patients with CMV Gastrointestinal Disease. Clin Infect Dis 2009 ; 48 : e121-4. PMID : 19441977
 11. 日本造血細胞移植学会. 造血細胞移植ガイドライン ウイルス感染症の予防と治療 サイトメガロウイルス感染症 (第4版). 2018. <https://www.jshct.com/uploads/files/guideline/01_03_01_cmv04.pdf> **ガイドライン**
 12. Freifeld AG, et al. Clinical practice guideline for the use of antimicrobial agents in neutropenic patients with cancer : 2010 update by the infectious diseases society of america. Clin Infect Dis. 2011 ; 52 : e56-93. PMID : 21258094 **ガイドライン**

●参考リンク

- 厚生労働省エイズ治療薬研究班
<<https://labo-med.tokyo-med.ac.jp/aidsdrugmhlw/portal>>

●推奨文献

- Grinsztejn B, et al. Mycobacteremia in patients with the acquired immunodeficiency syndrome. Arch Intern Med 1997 ; 157 : 2359-63. PMID : 9361577
- Pantongrag-Brown L, et al. Frequency of abdominal CT findings in AIDS patients with M. avium complex bacteraemia. Clin Radiol 1998 ; 53 : 816-9. PMID : 9833784
- Mycobacterium avium Complex Disease. In : Guidelines for the Prevention and Treatment of Opportunistic Infections in Adults and Adolescents with HIV. <<https://clinicalinfo.hiv.gov/en/guidelines/adult-and-adolescent-opportunistic-infection/>>

[mycobacterium-avium-complex-disease?view=full](#) >

ガイドライン

- Porter SB, et al. Toxoplasmosis of the central nervous system in the acquired immunodeficiency syndrome. *N Engl J Med* 1992; 327: 1643. PMID: 1359410
- *Toxoplasma gondii* Encephalitis. In: Guidelines for the Prevention and Treatment of Opportunistic Infections in Adults and Adolescents with HIV. <<https://clinicalinfo.hiv.gov/en/guidelines/adult-and-adolescent-opportunistic-infection/toxoplasma-gondii-encephalitis?view=full>> **ガイドライン**

第8章 性感染症

◎参照文献

1. Workowski KA, et al. Sexually transmitted diseases treatment guidelines, 2015. *MMWR Recomm Rep* 2015; 64 (RR-03): 1-137. PMID: 26042815 **ガイドライン**
2. Morse SA, et al. Atlas of Sexually Transmitted Diseases and AIDS. 4th ed. Philadelphia: Elsevier, 2010. **推奨文献**
3. 厚生労働省エイズ動向委員会. 令和元(2019)年エイズ発生動向年報(1月1日~12月31日). <<https://api-net.jfap.or.jp/status/japan/nenpo.html>>
4. 厚生労働省. 感染症情報. 後天性免疫不全症候群. <<http://www.mhlw.go.jp/bunya/kenkou/kekkaku-kansenshou1/01-05-07.html>>
5. 山本直樹ほか. 日本エイズ学会・日本臨床検査医学会. 診療における HIV-1/2 感染症の診断ガイドライン 2008. *The Journal of AIDS Research 日エイズ会誌* 2009; 11: 70-2. **ガイドライン**
6. Laboratory testing for the diagnosis of HIV infection: updated recommendations. Centers for Disease. 2014.
7. Aberg JA, et al. Primary care guidelines for the management of persons infected with HIV: 2013 update by the HIV medicine association of the Infectious Diseases Society of America. *Clin Infect Dis* 2014; 58: e1-34. PMID: 24235263 **ガイドライン**
8. Guidelines for the Prevention and Treatment of Opportunistic Infections in Adults and Adolescents with HIV. <<https://clinicalinfo.hiv.gov/en/guidelines/adult-and-adolescent-opportunistic-infection/whats-new-guidelines>> **ガイドライン**
9. 国立感染症研究所. 日本の梅毒症例の動向について. <<https://www.niid.go.jp/niid/ja/syphilis-m/syphilis-trend.html>>
10. Lautenschlager S, et al. Diagnosis of syphilis: clinical and laboratory problems. *J Dtsch Dermatol Ges* 2006; 4: 1058-75. PMID: 17176415
11. Creegan L, et al. An evaluation of the relative sensitivities of the venereal disease research laboratory test and the *Treponema pallidum* particle agglutination test among patients diagnosed with primary syphilis. *Sex Transm Dis* 2007; 34: 1016-8. PMID: 18080352
12. Janier M, et al. 2014 European guideline on the management of syphilis. *J Eur Acad Dermatol Venereol* 2014; 28: 1581-93. PMID: 25348878 **ガイドライン**
13. Clement ME, et al. Treatment of syphilis: a systematic review. *JAMA* 2014; 312: 1905-17. PMID: 25387188
14. Tanizaki R, et al. High-dose oral amoxicillin plus probenecid is highly effective for syphilis in patients with HIV infection. *Clin Infect Dis* 2015; 61: 177-83. PMID: 25829004

● 推奨文献

- Hammer SM. Clinical practice. Management of newly diagnosed HIV infection. N Engl J Med 2005 ; 353 : 1702-10. PMID : 16236741

第9章 真菌感染症

● 参照文献

1. Bennett JE, et al. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases. 9th ed. Philadelphia : Elsevier, 2019.
2. Pappas PG, et al. Clinical Practice Guideline for the Management of Candidiasis : 2016 Update by the Infectious Diseases Society of America. Clin Infect Dis 2016 ; 62 : e1-50. PMID : 26679628 **ガイドライン**
3. 深在性真菌症のガイドライン作成委員会編. 深在性真菌症の診断・治療ガイドライン 2014. 東京 : 協和企画, 2014. **ガイドライン**
4. Patterson TF, et al. Practice Guidelines for the Diagnosis and Management of Aspergillosis : 2016 Update by the Infectious Diseases Society of America. Clin Infect Dis 2016 ; 63 : e1-e60. PMID : 27365388 **ガイドライン**
5. Agarwal R, et al. Allergic bronchopulmonary aspergillosis : review of literature and proposal of new diagnostic and classification criteria. Clin Exp Allergy 2013 ; 43 : 850-73. PMID : 23889240
6. Maertens JA, et al. Optimization of the cutoff value for the Aspergillus double-sandwich enzyme immunoassay. Clin Infect Dis 2007 ; 44 : 1329-36. PMID : 17443470
7. Camuset J, et al. Treatment of chronic pulmonary aspergillosis by voriconazole in nonimmunocompromised patients. Chest 2007 ; 131 : 1435-41. PMID : 17400661

第10章 感染性心内膜炎

● 参照文献

1. Vance GF, et al. Endocarditis and Intravascular Infections. In : Mandell GL, et al. Mandell, Douglas, and Bennett's Principles and practice of infectious diseases. 8th ed. Philadelphia : Elsevier, 2014 : 990-1028.
2. Baddour LM, et al. Infective Endocarditis in Adults : Diagnosis, Antimicrobial Therapy, and Management of Complications : A Scientific Statement for Healthcare Professionals From the American Heart Association. Circulation 2015 ; 132 : 1435-86. PMID : 26373316 **推奨文献**
3. Li JS, et al. Proposed modifications to the Duke criteria for the diagnosis of infective endocarditis. Clin Infect Dis 2000 ; 30 : 633-8. PMID : 10770721 **推奨文献**
4. Krishnan S, et al. *Streptococcus bovis* infection and colorectal neoplasia : a meta-analysis. Colorectal Dis 2014 ; 16 : 672-80. PMID : 24824513
5. Liu C, et al. Clinical practice guidelines by the Infectious Diseases Society of America for the treatment of methicillin-resistant *Staphylococcus aureus* infections in adults and children. Clin Infect Dis 2011 ; 52 : e18-55. PMID : 21208910 **ガイドライン**
6. 中谷 敏ほか. 感染性心内膜炎の予防と治療に関するガイドライン (2017年改訂版) 2019年7月1日更新.<https://www.j-circ.or.jp/old/guideline/pdf/JCS2017_nakatani_h.pdf> **ガイドライン**

7. Habib G, et al. Guidelines on the prevention, diagnosis, and treatment of infective endocarditis (new version 2009) : the Task Force on the Prevention, Diagnosis, and Treatment of Infective Endocarditis of the European Society of Cardiology (ESC). Endorsed by the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) and the International Society of Chemotherapy (ISC) for Infection and Cancer. *Eur Heart J* 2009 ; 30 : 2369-413. PMID : 19713420 **ガイドライン**

第11章 肝膿瘍

●参照文献

1. Aucott JN, et al. Amebiasis and "nonpathogenic" intestinal protozoa. *Infect Dis Clin North Am* 1993 ; 7 : 467-85. PMID : 8254155
2. Mohsen AH, et al. Liver abscess in adults : ten years experience in a UK centre. *QJM* 2002 ; 95 : 797-802. PMID : 12454322
3. Rahimian J, et al. Pyogenic liver abscess : recent trends in etiology and mortality. *Clin Infect Dis* 2004 ; 39 : 1654-9. PMID : 15578367
4. Tan YM, et al. An appraisal of surgical and percutaneous drainage for pyogenic liver abscesses larger than 5 cm. *Ann Surg* 2005 ; 241 : 485-90. PMID : 15729072
5. Wang WJ, et al. Etiology and clinical manifestations of bacterial liver abscess : A study of 102 cases. *Medicine (Baltimore)* 2018 ; 97 : e12326. PMID : 30235686
6. Jaiswal V, et al. Evaluation of antigen detection and polymerase chain reaction for diagnosis of amoebic liver abscess in patients on anti-amoebic treatment. *BMC Res Notes* 2012 ; 5 : 416. PMID : 22870930
7. van Sonnenberg E, et al. Intrahepatic amoebic abscesses : Indications for and results of percutaneous catheter drainage. *Radiology* 1985 ; 156 : 631-5. PMID : 4023220
8. Wuerz T, et al. A review of amoebic liver abscess for clinicians in a nonendemic setting. *Can J Gastroenterol* 2012 ; 26 : 729-34. PMID : 23061067
9. 日本性感染症学会. 赤痢アメーバ症. <<http://jssti.umin.jp/pdf/guideline2008/02-17.pdf>> **ガイドライン**
10. Branum GD, et al. Hepatic abscess. Changes in etiology, diagnosis, and management. *Ann Surg* 1990 ; 212 : 655-62. PMID : 2256756
11. Nadasy KA, et al. Invasive *Klebsiella pneumoniae* syndrome in North America. *Clin Infect Dis* 2007 ; 45 : e25-8. PMID : 17599300
12. Fang CT, et al. *Klebsiella pneumoniae* genotype K1 : an emerging pathogen that causes septic ocular or central nervous system complications from pyogenic liver abscess. *Clin Infect Dis* 2007 ; 45 : 284-93. PMID : 17599305
13. Yeh KM, et al. Capsular serotype K1 or K2, rather than magA and rmpA, is a major virulence determinant for *Klebsiella pneumoniae* liver abscess in Singapore and Taiwan. *J Clin Microbiol* 2007 ; 45 : 466-71. PMID : 17151209
14. Zerem E, et al. Sonographically guided percutaneous catheter drainage versus needle aspiration in the management of pyogenic liver abscess. *AJR Am J Roentgenol* 2007 ; 189 : W138-42. PMID : 17715080

●推奨文献

- Chavez-Tapia NC, et al. Image-guided percutaneous procedure plus metronidazole

versus metronidazole alone for uncomplicated amoebic liver abscess. Cochrane Database Syst Rev 2009 : (1) : CD004886. PMID : 19160244

第12章 中枢神経感染症

◎参照文献

1. Maillès A, et al. Infectious encephalitis in France in 2007 : national prospective study. Clin Infect Dis 2009 ; 49 : 1838-47. PMID : 19929384
2. Uchihara T, et al. Jolt accentuation of headache : the most sensitive sign of CSF pleocytosis. Headache 1991 ; 31 : 167-71. PMID : 2071396
3. Thomas KE, et al. The diagnostic accuracy of Kernig's sign, Brudzinski's sign, and nuchal rigidity in adults with suspected meningitis. Clin Infect Dis 2002 ; 35 : 46-52. PMID : 12060874
4. Bijlsma MW, et al. Community-acquired bacterial meningitis in adults in the Netherlands, 2006-14 : a prospective cohort study. Lancet Infect Dis 2016 ; 16 : 339-47. PMID : 26652862
5. Tunkel AR, et al. The management of encephalitis : clinical practice guidelines by the Infectious Diseases Society of America. Clin Infect Dis 2008 ; 47 : 303-27. PMID : 18582201 **ガイドライン**
6. Spanos A, et al. Differential diagnosis of acute meningitis : an analysis of the predictive value of initial observations. JAMA 1989 ; 262 : 2700-7. PMID : 2810603
7. Chaudhuri A, et al. EFNS guideline on the management of community-acquired bacterial meningitis : report of an EFNS Task Force on acute bacterial meningitis in older children and adults. Eur J Neurol 2008 ; 15 : 646-59. PMID : 18582342 **ガイドライン**
8. van de Beek D, et al. ESCMID guideline : diagnosis and treatment of acute bacterial meningitis. Clin Microbiol Infect 2016 ; 22 Suppl 3 : S37-62. PMID : 27062097 **ガイドライン**
9. Hasbun R, et al. Computed tomography of the head before lumbar puncture in adults with suspected meningitis. N Engl J Med 2001 ; 345 : 1727-33. PMID : 11742046
10. Glimåker M, et al. Lumbar Puncture Performed Promptly or After Neuroimaging in Acute Bacterial Meningitis in Adults : A Prospective National Cohort Study Evaluating Different Guidelines. Clin Infect Dis 2018 ; 66 : 321-8. PMID : 29020334
11. Glimåker M, et al. Adult bacterial meningitis : earlier treatment and improved outcome following guideline revision promoting prompt lumbar puncture. Clin Infect Dis 2015 ; 60 : 1162-9. PMID : 25663160
12. Siegel JD, et al. 2007 Guideline for Isolation Precaution : Preventing Transmission of Infectious Agents in Healthcare Settings. Am J Infect Control 2007 ; 35 (10 Suppl 2) : S65-164. PMID : 18068815 **ガイドライン**
13. Tunkel AR, et al. Practice Guidelines for the Management of Bacterial Meningitis. Clin Infect Dis 2004 ; 39 : 1267-84. PMID : 15494903 **ガイドライン**
14. Brouwer MC, et al. Community-acquired Listeria monocytogenes meningitis in adults. Clin Infect Dis 2006 ; 43 : 1233-8. PMID : 17051485
15. Tunkel AR, et al. 2017 Infectious Diseases Society of America's Clinical Practice Guidelines for Healthcare-Associated Ventriculitis and Meningitis. Clin Infect Dis

2017; 64: 701-6.

ガイドライン

16. 日本医療研究開発機構研究費（新興・再興感染症に対する革新的医薬品等開発推進研究事業）「新型インフルエンザ等への対応に関する研究」班. インフルエンザ脳症の診療戦略. 平成 30 年 2 月. <www.aichi-med-u.ac.jp/Pediatric_Lab/img/file5.pdf>
17. Hoshino A, et al. Epidemiology of acute encephalopathy in Japan, with emphasis on the association of viruses and syndromes. *Brain Dev* 2012; 34: 337-43.
PMID : 21924570
18. Okuno H, et al. Characteristics and Outcomes of Influenza-Associated Encephalopathy Cases Among Children and Adults in Japan, 2010-2015. *Clin Infect Dis* 2018; 66: 1831-7.
PMID : 29293894
19. Reddy JS, et al. The role of diffusion-weighted imaging in the differential diagnosis of intracranial cystic mass lesions: a report of 147 lesions. *Surg Neurol* 2006; 66: 246-50.
PMID : 16935625
20. Helweg-Larsen J, et al. Pyogenic brain abscess, a 15 year survey. *BMC Infect Dis* 2012; 12: 332.
PMID : 23193986

● 推奨文献

- Brouwer MC, et al. Brain abscess. *N Engl J Med* 2014; 371: 447-56. PMID : 25075836
- McGill F, et al. Acute bacterial meningitis in adults. *Lancet* 2016; 388: 3036-47.
PMID : 27265346

第13章 感染性腸炎

● 参考文献

1. 厚生労働省. 感染症法に基づく医師の届出のお願い. <http://www.mhlw.go.jp/stf/seisakunitsuite/bunya/kenkou_iryuu/kenkou/kekkaku-kansenshou/kekkaku-kansenshou11/01.html>
2. DuPont HL. Acute infectious diarrhea in immunocompetent adults. *N Engl J Med* 2014; 370: 1532-40.
PMID : 24738670
3. Siegel JD, et al. 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Health Care Settings. *Am J Infect Control* 2007; 35 (10 Suppl 2): S65-164.
PMID : 18068815 **ガイドライン**
4. Schnadower D, et al. *Lactobacillus rhamnosus* GG versus Placebo for Acute Gastroenteritis in Children. *N Engl J Med* 2018; 379: 2002-14.
PMID : 30462938
5. Freedman SB, et al. Multicenter Trial of a Combination Probiotic for Children with Gastroenteritis. *N Engl J Med* 2018; 379: 2015-26.
PMID : 30462939
6. McDonald LC, et al. Clinical Practice Guidelines for *Clostridium difficile* Infection in Adults and Children: 2017 Update by the Infectious Diseases Society of America (IDSA) and Society for Healthcare Epidemiology of America (SHEA). *Clin Infect Dis* 2018; 66: 987-94.
PMID : 29562266 **ガイドライン**

● 推奨文献

- Bennet JE, et al. Mandell, Douglas, and Benett's Principles and practice of infectious diseases 8th ed. Philadelphia: Elsevier, 2014: 100-3.

第14章 菌血症

◎参考文献

1. Jones GR, et al. The systemic inflammatory response syndrome as a predictor of bacteraemia and outcome from sepsis. *QJM* 1996 ; 89 : 515-22. PMID : 8759492
2. Lee A, et al. Detection of bloodstream infections in adults : how many blood cultures are needed? *J Clin Microbiol* 2007 ; 45 : 3546-8. PMID : 17881544
3. Wyllie DH, et al. Mortality after *Staphylococcus aureus* bacteraemia in two hospitals in Oxfordshire, 1997-2003 : cohort study. *BMJ* 2006 ; 333 : 281. PMID : 16798756
4. Shurland S, et al. Comparison of mortality risk associated with bacteremia due to methicillin-resistant and methicillin-susceptible *Staphylococcus aureus*. *Infect Control Hosp Epidemiol* 2007 ; 28 : 273-9. PMID : 17326017
5. McDanel JS, et al. Comparative effectiveness of beta-lactams versus vancomycin for treatment of methicillin-susceptible *Staphylococcus aureus* bloodstream infections among 122 hospitals. *Clin Infect Dis* 2015 ; 61 : 361-7. PMID : 25900170
6. Liu C, et al. Clinical practice guidelines by the infectious diseases society of america for the treatment of methicillin-resistant *Staphylococcus aureus* infections in adults and children. *Clin Infect Dis* 2011 ; 52 : e18-55. PMID : 21208910 **ガイドライン**
7. Luzzaro F, et al. Prevalence and drug susceptibility of pathogens causing bloodstream infections in northern Italy : a two-year study in 16 hospitals. *Eur J Clin Microbiol Infect Dis* 2002 ; 21 : 849-55. PMID : 12525919
8. Sligl W, et al. Five years of nosocomial Gram-negative bacteremia in a general intensive care unit : epidemiology, antimicrobial susceptibility patterns, and outcomes. *Int J Infect Dis* 2006 ; 10 : 320-5. PMID : 16460982
9. Fowler VG Jr, et al. *Staphylococcus aureus* endocarditis : a consequence of medical progress. *JAMA* 2005 ; 293 : 3012-21. PMID : 15972563
10. Jacoby GA, et al. The new beta-lactamases. *N Engl J Med* 2005 ; 352 : 380-91. PMID : 15673804
11. 日本集中治療医学会・日本救急医学会合同日本版敗血症診療ガイドライン 2016 作成特別委員会. 日本版敗血症診療ガイドライン 2016. *日集中医誌* 2017 ; 24 : S1-232. <<https://www.jsicm.org/pdf/jjsicm24Suppl2-2.pdf>>
12. Weinstein MP, et al. The clinical significance of positive blood cultures in the 1990s : a prospective comprehensive evaluation of the microbiology, epidemiology, and outcome of bacteremia and fungemia in adults. *Clin Infect Dis* 1997 ; 24 : 584-602. PMID : 9145732
13. Leal Jr SM, et al. Clinical Significance of Commensal Gram-Positive Rods Routinely Isolated from Patient Samples. *J Clin Microbiol* 2016 ; 54 : 2928-36. PMID : 27629905
14. Lin JN, et al. Characteristics and outcomes of polymicrobial bloodstream infections in the emergency department : A matched case-control study. *Acad Emerg Med* 2010 ; 17 : 1072-9. PMID : 21040108
15. Anunnatsiri S, et al. Fungemia in non-HIV-infected patients : a five-year review. *Int J Infect Dis* 2009 ; 13 : 90-6. PMID : 18653367
16. Leroy O, et al. Epidemiology, management, and risk factors for death of invasive *Candida* infections in critical care : a multicenter, prospective, observational study in France (2005-2006). *Crit Care Med* 2009 ; 37 : 1612-8. PMID : 19325476

17. Chow JK, et al. Factors associated with candidemia caused by non-albicans *Candida* species versus *Candida albicans* in the intensive care unit. *Clin Infect Dis* 2008 ; 46 : 1206-13. PMID : 18444857
18. Pappas PG, et al. Clinical Practice Guideline for the Management of Candidiasis : 2016 Update by the Infectious Diseases Society of America. *Clin Infect Dis* 2016 ; 62 : e1-50. PMID : 26679628 **ガイドライン**
19. Spellberg BJ, et al. Current treatment strategies for disseminated candidiasis. *Clin Infect Dis* 2006 ; 42 : 244-51.

第15章 憩室炎

◎参照文献

1. Wilkins T, et al. Diagnosis and management of acute diverticulitis. *Am Fam Physician* 2013 ; 87 : 612-20. PMID : 23668524 **推奨文献**
2. Sugihara K, et al. Diverticular disease of the colon in Japan. A review of 615 cases. *Dis Colon Rectum* 1984 ; 27 : 531-7. PMID : 6468190
3. Young-Fadok TM. Diverticulitis. *N Engl J Med* 2018 ; 379 : 1635-42. PMID : 30354951
4. McNamara MM, et al. Expert Panel on Gastrointestinal Imaging. ACR Appropriateness Criteria[®] left lower quadrant pain - suspected diverticulitis [online publication]. <<https://acsearch.acr.org/docs/69356/Narrative/>>
5. Feingold D, et al. Practice parameters for the treatment of sigmoid diverticulitis. *Dis Colon Rectum* 2014 ; 57 : 284-94. PMID : 24509449 **ガイドライン**
6. Kaiser AM, et al. The management of complicated diverticulitis and the role of computed tomography. *Am J Gastroenterol* 2005 ; 100 : 910-7. PMID : 15784040
7. Chabok A, et al. Randomized clinical trial of antibiotics in acute uncomplicated diverticulitis. *Br J Surg* 2012 ; 99 : 532-9. PMID : 22290281
8. Daniels L, et al. Randomized clinical trial of observational versus antibiotic treatment for a first episode of CT-proven uncomplicated acute diverticulitis. *Br J Surg* 2017 ; 104 : 52-61. PMID : 27686365
9. Stollman N, et al. Diverticular disease of the colon. *Lancet* 2004 ; 363 : 631-9. PMID : 14987890 **推奨文献**
10. Stollman N, et al. American Gastroenterological Association Institute Guideline on the Management of Acute Diverticulitis. *Gastroenterology* 2015 ; 149 : 1944-9. PMID : 26453777 **ガイドライン**

◎推奨文献

- Morris AM, et al. Sigmoid diverticulitis : a systematic review. *JAMA* 2014 ; 311 : 287-97. PMID : 24430321
- Swanson SM, et al. Acute Colonic Diverticulitis. *Ann Intern Med* 2018 ; 168 : ITC65-80. PMID : 29710265

第16章 化膿性関節炎

◎参照文献

1. Mathews CJ, et al. Bacterial septic arthritis in adults. *Lancet* 2010 ; 375 : 846-55.

- PMID : 20206778
- Mathews CJ, et al. Septic arthritis : current diagnostic and therapeutic algorithm. *Curr Opin Rheumatol* 2008 ; 20 : 457-62. PMID : 18525361
 - Margaretten ME, et al. Does this adult patient have septic arthritis? *JAMA* 2007 ; 297 : 1478-88. PMID : 17405973
 - Goldenberg DL. Septic arthritis. *Lancet* 1998 ; 351 : 197-202. PMID : 9449882
 - Kaandorp CJ, et al. Risk factors for septic arthritis in patients with joint disease. A prospective study. *Arthritis Rheum* 1995 ; 38 : 1819-25. PMID : 8849354
 - Osmon DR, et al. Diagnosis and management of prosthetic joint infection : clinical practice guidelines by the Infectious Diseases Society of America. *Clin Infect Dis* 2013 ; 56 : e1-25. PMID : 23223583 **ガイドライン**
 - Ohl CA, et al. Infectious Arthritis of Native Joints. In : Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases. 8th ed. Philadelphia : Elsevier, 2014 : 1302-17.
 - Coakley G, et al. BSR & BHPR, BOA, RCGP and BSAC guidelines for management of the hot swollen joint in adults. *Rheumatology (Oxford)* 2006 ; 45 : 1039-41. PMID : 16829534 **ガイドライン**
 - Weston VC, et al. Clinical features and outcome of septic arthritis in a single UK Health District 1982-1991. *Ann Rheum Dis* 1999 ; 58 : 214-9. PMID : 10364899
 - Uçkay I, et al. Short parenteral antibiotic treatment for adult septic arthritis after successful drainage. *Int J Infect Dis* 2013 ; 17 : e199-205. PMID : 23183231