

## Part

## 6 退院前

## 6-1 退院前の患者教育に必要な予防医学の知識

## ◎ 参考文献

1. Amsterdam EA, et al. 2014 AHA/ACC Guideline for the Management of Patients with Non-ST-Elevation Acute Coronary Syndromes : a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. J Am Coll Cardiol 2014 ; 64 : e139-228. PMID : 25260718 **ガイドライン**
2. American Diabetes Association. 15. Diabetes care in the hospital : standards of medical care in diabetes-2019. Diabetes Care 2019 ; 42 (Suppl 1) : S173-81. PMID : 30559241
3. Holman RR, et al. 10-year follow-up of intensive glucose control in type 2 diabetes. N Engl J Med 2008 ; 359 : 1577-89. PMID : 18784090
4. 日本糖尿病学会. 糖尿病診療ガイドライン 2019. 東京 : 南江堂, 2019. **ガイドライン**
5. 日本循環器学会ほか. 急性冠症候群ガイドライン (2018年改訂版). <[https://www.j-circ.or.jp/old/guideline/pdf/JCS2018\\_kimura.pdf](https://www.j-circ.or.jp/old/guideline/pdf/JCS2018_kimura.pdf)> **ガイドライン**
6. Natsuaki M, et al. Intensity of statin therapy, achieved low-density lipoprotein cholesterol levels and cardiovascular outcomes in Japanese patients after coronary revascularization. Perspectives from the CREDO-Kyoto registry cohort-2. Circ J 2012 ; 76 : 1369-79. PMID : 22447012
7. Dansinger ML, et al. Comparison of the Atkins, Ornish, Weight Watchers, and zone diet or weight loss and heart disease risk reduction : a randomized trial. JAMA 2005 ; 293 : 43-53. PMID : 15632335
8. WHO. Healthy diet. <<https://www.who.int/news-room/fact-sheets/detail/healthy-diet>>
9. 日本高血圧学会高血圧治療ガイドライン作成委員会. 高血圧治療ガイドライン 2019. 東京 : ライフサイエンス出版, 2019. **ガイドライン**
10. Chow CK, et al. Association of diet, exercise, and smoking modification with risk of early cardiovascular events after acute coronary syndromes. Circulation 2010 ; 121 : 750-8. PMID : 20124123
11. U.S. Preventive Services Task Force. Tobacco Smoking Cessation in Adults, Including Pregnant Women : Behavioral and Pharmacotherapy Interventions. 2015. <<https://www.uspreventiveservicestaskforce.org/uspstf/recommendation/tobacco-use-in-adults-and-pregnant-women-counseling-and-interventions>>
12. U.S. Department of Health and Human Services, Public Health Service. Treating Tobacco Use and Dependence : 2008 Update. Clinical Practice Guideline. 2008. **ガイドライン**
13. Lawler PR, et al. Efficacy of exercise-based cardiac rehabilitation post-myocardial infarction : a systematic review and meta-analysis of randomized controlled trials.

- Am Heart J 2011 ; 162 : 571-84.e2. PMID : 21982647
14. Udell JA, et al. Association between influenza vaccination and cardiovascular outcomes in high-risk patients : a meta-analysis. JAMA 2013 ; 310 : 1711-20. PMID : 24150467
  15. Ahmed MB, et al. Higher risk for incident heart failure and cardiovascular mortality among community-dwelling octogenarians without pneumococcal vaccination. ESC Heart Fail 2016 ; 3 : 11-7. PMID : 27668089
  16. Global Initiative for Asthma. 2019 GINA REPORT : GLOBAL STRATEGY FOR ASTHMA MANAGEMENT AND PREVENTION. <<https://ginasthma.org/reports/2019-gina-report-global-strategy-for-asthma-management-and-prevention/>>
  17. Global Initiative For Chronic Obstructive Lung Disease. Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Pulmonary Disease (2020 Report) . <<https://goldcopd.org/wp-content/uploads/2019/11/GOLD-2020-REPORT-ver1.0wms.pdf>>
  18. Man WD, et al. Community pulmonary rehabilitation after hospitalisation for acute exacerbations of chronic obstructive pulmonary disease : randomised controlled study. BMJ 2004 ; 329 : 1209. PMID : 15504763
  19. 神谷 齊 (研究代表者). 平成 11 年度厚生労働科学研究費補助金 新興・再興感染症研究事業. 「インフルエンザワクチンの効果に関する研究」.<<https://www.mhlw.go.jp/shingi/2010/01/dl/s0115-8c.pdf>>
  20. Kim DK, et al. Recommended adult immunization schedule, United States, 2019. Ann Intern Med 2019 ; 170 : 182-92. PMID : 30716757
  21. Diao WQ, et al. Efficacy of 23-valent pneumococcal polysaccharide vaccine in preventing community-acquired pneumonia among immunocompetent adults : A systematic review and meta-analysis of randomized trials. Vaccine 2016 ; 34 : 1496-503. PMID : 26899376
  22. Suzuki M, et al. Serotype-specific effectiveness of 23-valent pneumococcal polysaccharide vaccine against pneumococcal pneumonia in adults aged 65 years or older : a multicentre, prospective, test-negative design study. Lancet Infect Dis 2017 ; 17 : 313-21. PMID : 28126327
  23. Bonten MJM, et al. Polysaccharide conjugate vaccine against pneumococcal pneumonia in adults. N Engl J Med 2015 ; 372 : 1114-25. PMID : 25785969
  24. 日本呼吸器学会呼吸器ワクチン検討 WG 委員会/日本感染症学会ワクチン委員会・合同委員会. 65 歳以上の成人に対する肺炎球菌ワクチン接種に関する考え方 (第 3 版 2019-10-30). <[https://www.jrs.or.jp/uploads/uploads/files/guidelines/haien\\_kangae2019.pdf](https://www.jrs.or.jp/uploads/uploads/files/guidelines/haien_kangae2019.pdf)>
  25. 日本骨粗鬆症学会 骨粗鬆症の予防と治療ガイドライン作成委員会. 骨粗鬆症の予防と治療ガイドライン 2015 年版. 2015. <<http://jsbmr.umin.jp/pdf/GL2015.pdf>>
- ガイドライン**
26. FRAX<sup>®</sup> Fracture Risk Assessment Tool. <<https://www.sheffield.ac.uk/FRAX/>>

## 6-2 アドバンス・ケア・プランニング (ACP)

### ◎参照文献

1. The NHS End of Life Care Program. Advance Care Planning: A Guide for Health and Social Care Staff. <<http://www.stlukes-hospice.org.uk/wp-content/uploads/2017/06/ACP-Guide-for-Health-and-Social-Care-Staff-.pdf>>
2. A controlled trial to improve care for seriously ill hospitalized patients. The study to understand prognoses and preferences for outcomes and risks of treatments (SUPPORT). The SUPPORT Principal Investigators. JAMA 1995; 274: 1591-8.  
PMID: 7474243
3. Sudore RL, et al. Redefining the "planning" in advance care planning: preparing for end-of-life decision making. Ann Intern Med 2010; 153: 256-61. PMID: 20713793
4. ER services. Nursing Care at the End of Life. Types and Variability within Illness Trajectories. <<https://courses.lumenlearning.com/suny-nursing-care-at-the-end-of-life/chapter/types-and-variability-within-illness-trajectories/>>

## 6-3 退院前の Transition of care

### ◎参照文献

1. 新森加奈子ほか. 我が国におけるケア移行という概念—病院を退院した患者の診療所外来へのケア移行を中心に—. 日プライマリケア連会誌 2018; 41: 18-23.
2. van Walraven C, et al. Proportion of hospital readmissions deemed avoidable: a systematic review. CMAJ 2011; 183: E391-402. PMID: 21444623
3. みずほ情報総研株式会社. 平成 27 年度厚生労働省委託事業 地域における医療・介護の連携強化に関する調査研究事業報告書—在宅生活の継続を支えるための医療・介護サービスに関する調査分析—<<http://www.mhlw.go.jp/file/06-Seisakujouhou-12400000-Hokenkyoku/0000134435.pdf>>
4. Naylor MD, et al. The care span: The importance of transitional care in achieving health reform. Health Aff (Millwood) 2011; 30: 746-54. PMID: 21471497
5. Kripalani S, et al. Deficits in communication and information transfer between hospital-based and primary care physicians: implications for patient safety and continuity of care. JAMA 2007; 297: 831-41. PMID: 17327525
6. van Walraven C, et al. Derivation and validation of an index to predict early death or unplanned readmission after discharge from hospital to the community. CMAJ 2010; 182: 551-7. PMID: 20194559
7. Project BOOST. The 8P Screening Tool Identifying Your Patient's Risk for Adverse Events After Discharge. <[https://www.hospitalmedicine.org/globalassets/clinical-topics/clinical-pdf/8ps\\_riskassess-1.pdf](https://www.hospitalmedicine.org/globalassets/clinical-topics/clinical-pdf/8ps_riskassess-1.pdf)>
8. Agency for Healthcare Research and Quality. Publication 12 (13)-0084. Re-Engineered Discharge (RED) Toolkit. 2013. <<https://www.ahrq.gov/patient-safety/settings/hospital/red/toolkit/index.html>>
9. Agency for Healthcare Research and Quality. Taking Care of Myself: A Guide for When I Leave the Hospital. <<https://www.ahrq.gov/sites/default/files/wysiwyg/patients-consumers/diagnosis-treatment/hospitals-clinics/goinghome/goinghomeguide.pdf>>

10. Makaryus AN, et al. Patients' understanding of their treatment plans and diagnosis at discharge. *Mayo Clin Proc* 2005 ; 80 : 991-4. PMID : 16092576
11. Legault K, et al. Quality of discharge summaries prepared by first year internal medicine residents. *BMC Med Educ* 2012 ; 12 : 77. PMID : 22894637

## 6-4 退院前の患者教育と退院療養計画書

### ◎参照文献

1. Jencks SF, et al. Rehospitalizations among patients in the Medicare fee-for-service program. *N Engl J Med* 2009 ; 360 : 1418-28. PMID : 19339721
2. Dharmarajan K, et al. Association of Changing Hospital Readmission Rates With Mortality Rates After Hospital Discharge. *JAMA* 2017 ; 318 : 270-8. PMID : 28719692
3. Lo S, et al. The impact of diagnosis-specific discharge instructions on patient satisfaction. *J Perianesth Nurs* 2009 ; 24 : 156-62. PMID : 19500748
4. Peter D, et al. Reducing readmissions using teach-back : enhancing patient and family education. *J Nurs Adm* 2015 ; 45 : 35-42. PMID : 25479173
5. Waniga HM, et al. The Impact of Revised Discharge Instructions on Patient Satisfaction. *J Patient Exp* 2016 ; 3 : 64-8. PMID : 28725840
6. VanSuch M, et al. Effect of discharge instructions on readmission of hospitalised patients with heart failure : do all of the Joint Commission on Accreditation of Healthcare Organizations heart failure core measures reflect better care? *Qual Saf Health Care* 2006 ; 15 : 414-7. PMID : 17142589
7. Rogers AM, et al. The association between guideline-based treatment instructions at the point of discharge and lower 1-year mortality in Medicare patients after acute myocardial infarction : the American College of Cardiology's Guidelines Applied in Practice (GAP) initiative in Michigan. *Am Heart J* 2007 ; 154 : 461-9. PMID : 17719291 **ガイドライン**
8. Kouri A, et al. An evidence-based, point-of-care tool to guide completion of asthma action plans in practice. *Eur Respir J* 2017 ; 49 : 1602238. PMID : 28461295
9. Abramson MJ, et al. Are asthma medications and management related to deaths from asthma? *Am J Respir Crit Care Med* 2001 ; 163 : 12-8. PMID : 11208619
10. Gibson PG, et al. Self-management education and regular practitioner review for adults with asthma. *Cochrane Database Syst Rev* 2003 ; (1) : CD001117. PMID : 12535399
11. Kaplan A. The COPD action plan. *Can Fam Physician* 2009 ; 55 : 58-9. PMID : 19155371
12. Bourbeau J, et al. Economic benefits of self-management education in COPD. *Chest* 2006 ; 130 : 1704-11. PMID : 17166985
13. Horwitz LI, et al. Quality of discharge practices and patient understanding at an academic medical center. *JAMA Intern Med* 2013 ; 173 : 1715-22. PMID : 23958851
14. Katz MG, et al. Use of pictorial aids in medication instructions : a review of the literature. *Am J Health Syst Pharm* 2006 ; 63 : 2391-7. PMID : 17106013
15. Jack BW, et al. A reengineered hospital discharge program to decrease rehospitalization : a randomized trial. *Ann Intern Med* 2009 ; 150 : 178-87. PMID : 19189907

## 6-5 退院計画（退院先の決定）

### ◎参照文献

1. Gonçalves-Bradley DC, et al. Discharge planning from hospital. Cochrane Database Syst Rev 2016 ; 2016 : CD000313. PMID : 26816297
2. 厚生労働省. 平成 30 年度診療報酬改定について.<<https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000188411.html>>
3. de Jonge P, et al. INTERMED — a clinical instrument for biopsychosocial assessment. Psychosomatics 2001 ; 42 : 106-9. PMID : 11239122

## 6-6 診療情報提供書

### ◎参照文献

1. Hesselink G, et al. Organizational culture : an important context for addressing and improving hospital to community patient discharge. Med Care 2013 ; 51 : 90-8. PMID 23132202
2. Kripalani S, et al. Deficits in communication and information transfer between hospital-based and primary care physicians : implications for patient safety and continuity of care. JAMA 2007 ; 297 : 831-41. PMID 17327525
3. van Walraven C, et al. Effect of discharge summary availability during post-discharge visits on hospital readmission. J Gen Intern Med 2002 ; 17 : 186-92. PMID 11929504
4. Hoyer EH, et al. Association between days to complete inpatient discharge summaries with all-payer hospital readmissions in Maryland. J Hosp Med 2016 ; 11 : 393-400. PMID 26913814
5. 周 書義ほか. 退院サマリーの認識に影響を与える要因に関する研究 外来診療の担当医師への調査による. 日医大誌 1999 ; 66 : 270-8.
6. 厚生労働省. 保険診療確認事項リスト (医科). 令和 2 年度改定版 ver. 2010.<[https://www.mhlw.go.jp/seisakunitsuite/bunya/kenkou\\_iryuu/iryuuoken/dl/shidou\\_kansa\\_16.pdf](https://www.mhlw.go.jp/seisakunitsuite/bunya/kenkou_iryuu/iryuuoken/dl/shidou_kansa_16.pdf)>
7. Halasyamani L, et al. Transition of care for hospitalized elderly patients — development of a discharge checklist for hospitalists. J Hosp Med 2006 ; 1 : 354-60. PMID 17219528
8. Lenert LA, et al. Rethinking the discharge summary : a focus on handoff communication. Acad Med 2014 ; 89 : 393-8. PMID 24448037