

## Part

## 9 内分泌

## 第1章 低血糖

## ◎参照文献

1. Goto A, et al. Severe hypoglycaemia and cardiovascular disease : systematic review and meta-analysis with bias analysis. *BMJ* 2013 ; 347 : f4533. PMID : 23900314
2. Whitmer RA, et al. Hypoglycemic episodes and risk of dementia in older patients with type 2 diabetes mellitus. *JAMA* 2009 ; 301 : 1565-72. PMID : 19366776
3. Cryer PE, et al. Evaluation and management of adult hypoglycemic disorders : an Endocrine Society Clinical Practice Guideline. *J Clin Endocrinol Metab* 2009 ; 94 : 709-28. PMID : 19088155 **ガイドライン**
4. 厚生労働省. 重篤副作用疾患別対応マニュアル. 低血糖. 平成 23 年 3 月 (平成 30 年 6 月改定). <<https://www.mhlw.go.jp/topics/2006/11/dl/tp1122-1d25.pdf>>
5. Feil DG, et al. Risk of hypoglycemia in older veterans with dementia and cognitive impairment : implications for practice and policy. *J Am Geriatr Soc* 2011 ; 59 : 2263-72. PMID : 22150156
6. Seaquist ER, et al. Hypoglycemia and diabetes : a report of a workgroup of the American Diabetes Association and the Endocrine Society. *J Clin Endocrinol Metab* 2013 ; 98 : 1845-59. PMID : 23589524
7. 日本糖尿病学会. 糖尿病治療ガイド 2020-2021. 東京 : 文光堂, 2020.
8. 日本糖尿病学会. 科学的根拠に基づく糖尿病診療ガイドライン 2016. 東京 : 南江堂, 2016. **ガイドライン**
9. Action to Control Cardiovascular Risk in Diabetes Study Group. Effects of intensive glucose lowering in type 2 diabetes. *N Engl J Med* 2008 ; 358 : 2545-59. PMID : 18539917
10. ADVANCE Collaborative Group. Intensive blood glucose control and vascular outcomes in patients with type 2 diabetes. *N Engl J Med* 2008 ; 358 : 2560-72. PMID : 18539916
11. 難波光義. 糖尿病治療に関連した重症低血糖の調査委員会報告. *糖尿病* 2017 ; 60 : 826-42.
12. Pieber TR, et al. Evaluation of a structured outpatient group education program for intensive insulin therapy. *Diabetes Care* 1995 ; 18 : 625-30. PMID : 8585999

## 第2章 副腎不全

## ◎参照文献

1. Yanase T, et al. Diagnosis and Treatment of Adrenal Insufficiency Including Adrenal Crisis : A Japan Endocrine Society Clinical Practice Guideline [Opinion]. *Endocr J* 2016 ; 63 : 765-84. PMID : 27350721 **ガイドライン**

- Hahner S, et al. Epidemiology of Adrenal Crisis in Chronic Adrenal Insufficiency : The Need for New Prevention Strategies. *Eur J Endocrinol* 2010 ; 162 : 597-602.  
PMID : 19955259
- Hahner S, et al. High Incidence of Adrenal Crisis in Educated Patients With Chronic Adrenal Insufficiency : A Prospective Study. *J Clin Endocrinol Metab* 2015 ; 100 : 407-16.  
PMID : 25419882
- Jung C, et al. Management of Adrenal Insufficiency During the Stress of Medical Illness and Surgery. *Med J Aust* 2008 ; 188 : 409-13.  
PMID : 18393745
- Yamada M, et al. Mechanisms Related to the Pathophysiology and Management of Central Hypothyroidism. *Nat Clin Pract Endocrinol Metab* 2008 ; 4 : 683-94.  
PMID : 18941435
- Huang CH, et al. A Case of Lymphocytic Hypophysitis With Masked Diabetes Insipidus Unveiled by Glucocorticoid Replacement. *Am J Kidney Dis* 2005 ; 45 : 197-200.  
PMID : 15696461
- Odagiri E, et al. The Diagnostic Standard of Preclinical Cushing's Syndrome : Evaluation of the Dexamethasone Suppression Test Using Various Cortisol Kits. *Endocr J* 2004 ; 51 : 295-302.  
PMID : 15256774
- 厚生労働科学研究費補助金難治性疾患等政策研究事業「間脳下垂体機能障害に関する調査研究」班. 間脳下垂体機能障害の診断と治療の手引き (平成 30 年度改訂) 日内分泌会誌 2019 vol.95 Suppl. <[https://www.jstage.jst.go.jp/article/endocrine/95/S.May/95\\_1/\\_pdf/-char/ja](https://www.jstage.jst.go.jp/article/endocrine/95/S.May/95_1/_pdf/-char/ja)>
- Brunton LL, et al. Goodman & Gilman's the pharmacological Basis of the therapeutics. McGraw-Hill Education, 2018.
- Marik PE, et al. Recommendations for the Diagnosis and Management of Corticosteroid Insufficiency in Critically Ill Adult Patients : Consensus Statements From an International Task Force by the American College of Critical Care Medicine. *Crit Care Med* 2008 ; 36 : 1937-49.  
PMID : 18496365
- Nishida O, et al. The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). *Acute Med Surg* 2018 ; 5 : 3-89.  
PMID : 29445505 **ガイドライン**

### ●参考リンク

- 副腎不全患者カードの例 (PfizerPRO ホームページ ダウンロードセンターより)  
<<https://pfizerpro.jp/cs/sc/pfizerpro/r/Page/1259675672740>>

## 第3章 副腎偶発腫瘍

### ●参照文献

- Young WF Jr. Clinical practice. The incidentally discovered adrenal mass. *N Engl J Med*. 2007 ; 356 : 601-10.  
PMID : 17287480 **推奨文献**
- Yanase T. Programs for continuing medical education : a session : 6. Differential diagnosis and treatment of adrenal incidentaloma. *Nihon Naika Gakkai Zasshi*. 2014 ; 103 : 650-6.  
PMID : 24796132
- Mansmann G, et al. The clinically inapparent adrenal mass : update in diagnosis and management. *Endocr Rev*. 2004 ; 25 : 309-40.  
PMID : 15082524

4. 山崎有人ほか. 副腎皮質がんのマネージメントおよび治療標的因子について. 日内分泌・甲状腺外会誌 2015 ; 32 : 239-42.
5. 柳瀬敏彦ほか. 「副腎性サブクリニカルクッシング症候群新診断基準」の作成と解説. 日内分泌会誌 2017 ; 93 : 1-18.
6. 神出 計. 診断と最新の低侵襲治療 副腎の生理・内分泌機能検査法. 臨泌 2014 ; 8 : 548-53.
7. 日本内分泌学会ほか. 日本内分泌学会臨床重要課題「わが国の原発性アルドステロン症の診療に関するコンセンサス・ステートメント」. 日内分泌会誌 2016 ; 92 Suppl. Sep2016. <<https://minds.jcqh.or.jp/docs/minds/Primary-aldosteronism/PA-full-text.pdf>>
8. Haase M, et al. Outcome of Adrenal Vein Sampling Performed During Concurrent Mineralocorticoid Receptor Antagonist Therapy. J Clin Endocrinol Metab 2014 ; 99 : 4397-402. PMID : 25222758

#### ● 推奨文献

- 一城貴政. 副腎偶発腫瘍. medicina 2013 ; 10 : 1754-9.

## 第4章 糖尿病性ケトアシドーシス (DKA), 高浸透圧性高血糖状態 (HHS)

#### ● 参照文献

1. Kitabchi AE, et al. Hyperglycemic Crises in Adult Patients With Diabetes. Diabetes Care 2009 ; 32 : 1335-43. PMID : 19564476
2. Umpierrez G, et al. Diabetic Emergencies - Ketoacidosis, Hyperglycaemic Hyperosmolar State and Hypoglycaemia. Nat Rev Endocrinol 2016 ; 12 : 222-32. PMID : 26893262
3. Umpierrez G, et al. Abdominal Pain in Patients With Hyperglycemic Crises. J Crit Care 2002 ; 17 : 63-7. PMID : 12040551
4. Westerberg DP. Diabetic Ketoacidosis : Evaluation and Treatment. Am Fam Physician 2013 ; 87 : 337-46. PMID : 23547550
5. Handelsman Y, et al. American Association of Clinical Endocrinologists and American College of Endocrinology position statement on the association of SGLT-2 inhibitors and diabetic ketoacidosis. Endocr Pract 2016 ; 22 : 753-62. PMID : 27082665
6. Canto JG, et al. Prevalence, Clinical Characteristics, and Mortality Among Patients With Myocardial Infarction Presenting Without Chest Pain. JAMA 2000 ; 283 : 3223-9. PMID : 10866870
7. Nyenwe EA, et al. Evidence-based Management of Hyperglycemic Emergencies in Diabetes Mellitus. Diabetes Res Clin Pract 2011 ; 94 : 340-51. PMID : 21978840
8. Goguen J, et al. Hyperglycemic Emergencies in Adults. Can J Diabetes 2013 ; 37 Suppl 1 : S72-6. PMID : 24070967
9. Scott AR, et al. Management of Hyperosmolar Hyperglycaemic State in Adults With Diabetes. Diabet Med 2015 ; 32 : 714-24. PMID : 25980647
10. Haringhuizen A, et al. Fatal Cerebral Oedema in Adult Diabetic Ketoacidosis. Neth J Med 2010 ; 68 : 35-7. PMID : 20103820
11. Andrade-Castellanos CA, et al. Subcutaneous Rapid-Acting Insulin Analogues for

Diabetic Ketoacidosis. Cochrane Database Syst Rev 2016; (1) : CD011281.

PMID : 26798030

12. Hudson MS, et al. Glycemic Emergencies. In : McKean SC, et al. Principles and Practice of Hospital Medicine. McGraw-Hill Medical, 2012 : 1203.
13. 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
14. ヒューマリン® 医薬品インタビューフォーム. <<http://image.packageinsert.jp/pdf.php?mode=1&yjcode=2492403A4051>>

## 第5章 甲状腺クリーゼ

### ◎参照文献

1. Akamizu T, et al. Diagnostic criteria, clinical features, and incidence of thyroid storm based on nationwide surveys. Thyroid 2012 ; 22 : 661-79. PMID : 22690898
2. 赤水尚史. 甲状腺緊急症への対応. 臨検 2014 ; 12 : 1480-3.
3. Bartalene L, et al. Management of Graves' ophthalmopathy : reality and perspectives. Endocr Rev 2000 ; 21 : 168-99. PMID : 10782363
4. Burch HB, et al. Life-threatening thyrotoxicosis. Thyroid storm. Endocrinol Metab Clin North Am 1993 ; 22 : 263-77. PMID : 8325286
5. Satoh T, et al. 2016 Guidelines for the management of thyroid storm from The Japan Thyroid Association and Japan Endocrine Society (First edition). Endocr J 2016 ; 63 : 1025-64. PMID : 27746415 **ガイドライン**
6. Ross DS, et al. 2016 American Thyroid Association Guidelines for Diagnosis and Management of Hyperthyroidism and Other Causes of Thyrotoxicosis. Thyroid 2016 ; 26 : 1343-421. PMID : 27521067
7. Akamizu T. Therapy-resistant thyroid diseases. 2. Thyrotoxic crises. Nihon Naika Gakkai Zasshi 2010 ; 99 : 763-8. PMID : 20578363
8. Camm AJ, et al. 2012 focused update of the ESC Guidelines for the management of atrial fibrillation : an update of the 2010 ESC Guidelines for the management of atrial fibrillation. Developed with the special contribution of the European Heart Rhythm Association. Eur Heart J 2012 ; 33 : 2719-47. PMID : 22922413 **ガイドライン**
9. Klubo-Gwiedzinska J, et al. Thyroid emergencies. Med Clin North Am 2012 ; 96 : 385-403. PMID : 22443982
10. Nayak B, et al. Thyrotoxicosis and thyroid storm. Endocrinol Metab Clin North Am 2006 ; 35 : 663-86, vii. PMID : 17127140
11. Wartofsky L, et al. Inhibition by iodine of the release of thyroxine from the thyroid glands of patients with thyrotoxicosis. J Clin Invest 1970 ; 49 : 78-86. PMID : 5409810

### ◎推奨文献

- 田中竜馬監訳. ワシントン集中治療マニュアル. 東京 : メディカル・サイエンス・インターナショナル, 2010.
- 栗山 明. 甲状腺クリーゼ—極期を乗り切り, 甲状腺疾患の治療につなげる. INTENSIVIST 2015 ; 3 : 579-88.

## 第6章 粘液水腫性昏睡

### ◎参考文献

1. Mathew V, et al. Myxedema coma : a new look into an old crisis. J Thyroid Res 2011 ; 2011 : 493462. PMID : 21941682
2. 田中祐司ほか. 粘液水腫性昏睡の診断基準と治療方針. 日甲状腺会誌 2013 ; 4 : 47-52. **推奨文献**
3. Yamamoto T, et al. Factors associated with mortality of myxedema coma : report of eight cases and literature survey. Thyroid 1999 ; 9 : 1167-74. PMID : 10646654
4. Konishi M, et al. [Therapy-resistant thyroid diseases. 3. Myxedema coma]. [Article in Japanese] Nihon Naika Gakkai Zasshi 2010 ; 99 : 769-75. PMID : 20578364 **推奨文献**
5. Klubo-Gwiedzinska J, et al. Thyroid emergencies. Med Clin North Am 2012 ; 96 : 385-403. PMID : 22443982 **推奨文献**
6. Brown DJ, et al. Accidental hypothermia. N Engl J Med 2012 ; 367 : 1930-8. PMID : 23150960
7. McCullough L, et al. Diagnosis and treatment of hypothermia. Am Fam Physician 2004 ; 70 : 2325-32. PMID : 15617296
8. Gaitonde DY, et al. Hypothyroidism : an update. Am Fam Physician 2012 ; 86 : 244-51. PMID : 22962987