American Diabetes Association

Standards of Care 2025 Updates & Practice Implications

Rozalina G. McCoy, MD MS

Co-chair, ADA Professional Practice Committee Associate Professor of Medicine University of Maryland School of Medicine









1.1 Ensure treatment decisions are timely, rely on evidence-based guidelines, capture key elements within the social determinants of health, and are made collaboratively with people with or at risk for diabetes and caregivers based on individual preferences, prognoses, comorbidities, and informed financial considerations. **B**

1.2 Align approaches to diabetes management with **evidence-based care models**. These models emphasize person-centered team care, integrated long-term treatment approaches to diabetes and comorbidities, and ongoing collaborative communication and goal setting between all team members and with people with diabetes. A

1.5 Health systems should **adopt a culture of quality improvement, implement benchmarking programs, and engage interprofessional teams** to support sustainable and scalable process changes to improve quality of care and health outcomes. **A**



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Diagnosis and Classification of Diabetes

Section 2

• <u>Type 1 Diabetes</u>: **Antibody-based screening for type 1 diabetes** is emphasized for individuals with a family history or elevated genetic risk, with expanded supporting text.

- Suspect with diagnosis at age <35 with BMI <25, unintentional weight loss, ketoacidosis or glucose >360 at presentation
- Weak predictors: ketosis without acidosis, osmotic symptoms, family history, other autoimmune disorders
- Check IAA, GAD65, IA-2A, ZnT8A
- Updates address diabetes and immune checkpoint inhibitors, the gut microbiome's role in diabetes risk, and monogenic diabetes.



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Diabetes Technology

Section 7

- 7.16 Consider using rtCGM and isCGM in adults with type 2 diabetes treated with glucose-lowering medications other than insulin to achieve and maintain individualized glycemic goals. The choice of device should be made based on the individual's circumstances, preferences, and needs. B
- 7.18 CGM can help achieve glycemic goals (e.g., time in range and time above range) A and A1C goal B in type 1 diabetes and pregnancy and may be beneficial for other types of diabetes in pregnancy. E
- 7.29 Support and provide diabetes management advice to people with diabetes who choose to use an open-source closed-loop system. B
- 7.30 Consider combining technology (CGM, insulin pump, and/or diabetes apps) with online or virtual coaching to improve glycemic outcomes in individuals with diabetes or prediabetes. B
- 7.32 Continue use of insulin pump or AID in people with diabetes who are hospitalized when clinically appropriate, with confirmatory POC blood glucose measurements for insulin dose decisions and hypoglycemia assessment and treatment. This is contingent upon availability of necessary supplies, resources, and training, ongoing competency assessments, and implementation of institutional diabetes technology protocols. C



Obesity and Weight Management for the Prevention and Treatment of Type 2 Diabetes

Section 8

- 8.2a To support the diagnosis of obesity, measure height and weight to calculate BMI and perform additional measurements of body fat distribution, like waist circumference, waist-to-hip ratio, and/or waist-to-height ratio if BMI is indeterminant. E
- 8.2b Monitor obesity-related anthropometric measurements at least annually to inform treatment considerations. During active weight management treatment, increase monitoring to at least every 3 months. E
- 8.11 For those who achieve weight loss goals, continue to monitor progress, provide ongoing support, and recommend continuing interventions to maintain weight goals long term. E Effective long-term (≥1 year) weight maintenance programs provide monthly contact and support, include frequent self-monitoring of body weight (weekly or more frequently) and other self-monitoring strategies (e.g., food diaries or wearables), and encourage regular physical activity (200–300min/week). A









































Diabetes Care in the Hospital

Section 16

- 16.4a Insulin should be initiated or intensified for treatment of persistent hyperglycemia starting at a threshold of ≥180 mg/dL (≥10.0 mmol/L) (confirmed on two occasions within 24 h) for the majority of critically individuals (those in the intensive care unit [ICU]). A
- 16.4b Insulin and/or other glucose-lowering therapies should be initiated or intensified for treatment of persistent hyperglycemia starting at a threshold of ≥180 mg/dL (≥10.0 mmol/L) (confirmed on two occasions within 24 h) for the majority of noncritically ill individuals (those not in the ICU). B
- 16.5a Once therapy is initiated, a glycemic goal of 140–180 mg/dL (7.8–10.0 mmol/L) is recommended for most critically ill individuals (those in the ICU) with hyperglycemia.
 A More stringent individualized glycemic goals may be appropriate for selected critically ill individuals if they can be achieved without significant hypoglycemia.

American Diabetes Association Diabetes Care in the Hospital

Section 16 (continued)

 16.5b For noncritically ill individuals (those not in the ICU), a glycemic goal of 100– 180 mg/dL (5.6-10.0 mmol/L) is recommended if it can be achieved without significant hypoglycemia. B

 16.7 Continue use of insulin pump or automated insulin delivery in people with diabetes who are hospitalized when clinically appropriate, with confirmatory POC blood glucose measurements for insulin dosing decisions and hypoglycemia assessment and treatment. This is contingent upon availability of necessary supplies, resources, and training, ongoing competency assessments, and implementation of institutional diabetes technology protocols. C

• **16.8a** Continuous **intravenous insulin** infusion is recommended for achieving glycemic goals and avoiding hypoglycemia in **critically ill** individuals. **A**

• **16.12** A hypoglycemia management surveillance protocol should be adopted by all health systems. A plan for identifying, treating, and preventing hypoglycemia should be established for each individual. Episodes of hypoglycemia in the hospital should be documented in the health record and tracked to inform quality improvements. C

87

16. Diabetes Care in the Hospital

Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State

16.14 Manage diabetic ketoacidosis (DKA) and hyperglycemic hyperosmolar state (HHS) by administering **intravenous fluids**, **insulin**, **and electrolytes** (Fig. 16.1) and by closely monitoring during treatment, ensuring **timely and bridged transition to maintenance subcutaneous insulin** administration, and identifying and treating the **precipitating cause**. **A**

16.15 The **discharge planning** process should include education on the recognition, prevention, and management of DKA and/or HHS for all individuals affected by or at high risk for these events to prevent recurrence and readmission.

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