

# TECHNICAL REVIEWS

A technical review is a balanced review and analysis of the literature on a scientific or medical topic related to diabetes. The technical review provides a scientific rationale for a position statement and undergoes critical peer review before submission to the Professional Practice Committee for approval. In some cases, original research publications, conference proceedings, or other comprehensive review articles are used as the basis for a position statement instead of a technical review. Listed below are recent technical reviews.

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| <b>Economic Analysis of Diabetes Interventions</b> | Klonoff DC, Schwartz DM: An economic analysis of interventions for diabetes. <i>Diabetes Care</i> 23:390–404, 2000  |
| <b>Exercise</b>                                    | Sigal RJ, Kenny GP, Wasserman DH, Castaneda-Sceppa C: Physical activity/exercise and type 2 diabetes. <i>Diabetes Care</i> 27:2518–2539, 2004   |
| <b>Hospitals</b>                                   | Clement S, Braithwaite SS, Magee MF, Ahmann A, Smith EP, Schafer RG, Hirsh IB: Management of diabetes and hyperglycemia in hospitals. <i>Diabetes Care</i> 27:553–591, 2004   |
| <b>Hyperglycemic Crises</b>                        | Kitabchi AE, Umpierrez GE, Murphy MB, Barrett EJ, Kreisberg RA, Malone JI, Wall BM: Management of hyperglycemic crises in patients with diabetes. <i>Diabetes Care</i> 24:131–153, 2001   |
| <b>Hypertension</b>                                | Arauz-Pacheco C, Parrott MA, Raskin P: The treatment of hypertension in adult patients with diabetes. <i>Diabetes Care</i> 25:134–147, 2002   |
| <b>Hypoglycemia</b>                                | Cryer PE, Davis SN, Shamon H: Hypoglycemia in diabetes. <i>Diabetes Care</i> 26:1902–1912, 2003   |
| <b>Immunizations</b>                               | Smith SA, Poland GA: Use of influenza and pneumococcal vaccines in people with diabetes. <i>Diabetes Care</i> 23:95–108, 2000   |
| <b>Laboratory Analysis</b>                         | Sacks DB, Bruns DE, Goldstein DE, Maclaren NK, McDonald JM, Parrott M: Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus. <i>Diabetes Care</i> 25:750–786, 2002<br>(Reprinted from <i>Clin Chem</i> 48:436–472, 2002) |

**Neuropathy**

Vinik AI, Maser RE, Mitchell BD, Freeman R: Diabetic autonomic neuropathy. *Diabetes Care* 26:1553–1579, 2003

Boulton AJ, Malik RA, Arezzo JC, Sosenko JM: Diabetic somatic neuropathies. *Diabetes Care* 27:1458–1486, 2004

**Nutrition Recommendations and Principles**

Franz MJ, Bantle JP, Beebe CA, Brunzell JD, Chiasson JL, Garg A, Holzmeister LA, Hoogwerf B, Mayer-Davis E, Mooradian AD, Purnell JS, Wheeler M: Evidence-based nutrition principles and recommendations for the treatment and prevention of diabetes and related complications. *Diabetes Care* 25:148–198, 2002

**Pancreas Transplantation**

Robertson RP, Davis C, Larsen J, Stratta R, Sutherland DER: Pancreas and islet transplantation for patients with diabetes. *Diabetes Care* 23:112–116, 2000

**Retinopathy**

Fong DS, Aiello LP, Ferris FL III, Klein R: Diabetic retinopathy. *Diabetes Care* 27:2540–2553, 2004

**Screening for Type 2 Diabetes**

Engelgau MM, Narayan KM, Herman WH: Screening for type 2 diabetes. *Diabetes Care* 23:1563–1580, 2000

**Tests of Glycemia**

Goldstein DE, Little RR, Lorenz RA, Malone JI, Nathan D, Peterson CM, Sacks DB: Tests of glycemia in diabetes. *Diabetes Care* 27:1761–1773, 2004