## Building Blocks in Diabetes Education and Control: A Framework for Comprehensive Diabetes Care

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Diabetes and other chronic diseases have become the primary causes of morbidity and mortality in all countries. An estimated 171 million people around the world are living with diabetes and this number will climb to 300 million in 2030. In the Americas, the estimated number of people with diabetes was 13.3 million in 2000, with a projection of 32.9 million in 20301.

Diabetes is an expensive disease. In Latin America and the Caribbean, the cost of diabetes was estimated at \$65 billion in 20002. In that study, most of the estimated costs of diabetes was attributed to premature mortality and disability.

The few studies that have been conducted in Latin America and the Caribbean have demonstrated that the quality of care for diabetes is suboptimal.3, 4, 5, 6, 7 High-quality diabetes care can improve glycemic control, and this has been associated with a lower frequency of certain complications and hence a reduction in premature mortality8, 9

In September 2008 the Directing Council of the Pan American Health Organization adopted Resolution CD48.R9, Population and Individual Approaches to the Prevention and Management of Diabetes and Obesity, which calls on Member States to strengthen their efforts in the prevention and control of diabetes and obesity.

Building Blocks in Diabetes Education and Control: A Framework for Comprehensive Diabetes Care (BBDEC)

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Americas with the aim of providing a simple framework for diabetes care. This framework can be applied at different levels of care, according to technical capabilities and available resources.

The preparation of this document was based on several international workshops coordinated by the Declaration of the

Americas on Diabetes (DOTA), with representation from 25 countries.

The final review of the manuscript was carried out by Juan José Gagliardino (Argentina), Elena Carrasco (Chile), Elizabeth Duarte and Sandra Verduguez (Bolivia), Rosario García (Cuba), Felicia Cañete (Paraguay), Linda Siminerio (United States), Godfrey Xuereb (CFNI, WHO, Geneva), and Anne Belton (Canada).

From 2004 to 2009, the Building Blocks program was implemented as a pilot in the municipality of Misiones in

Paraguay, with excellent results. Based on the results obtained in Misiones, the document was reviewed and updated in

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2009 by Alberto Barceló (PAHO), Elena Carrasco (Chile), Elizabeth Duarte (Bolivia), Felicia Cañete (Paraguay), and Juan José Gagliardino (Argentina), who together prepared the final version in Spanish which was then translated to English. The final English version was reviewed by Alberto Barceló from PAHO, Godfrey Xuereb from WHO, and Dalip Ragoobirsingh from the University of West Indies, Mona Campus,

Jamaica.

The result is this guide, Building Blocks in Diabetes Education and Control (BBDEC), which organizes diabetes care according to different scenarios and levels of treatment. It identifies the characteristics of each scenario and proposes measures and standards to facilitate the establishment of a comprehensive care network for people living with diabetes.

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