















THIRD INTERNATIONAL CHRONIC DISEASE CONFERENCE 2011 CALGARY , ALBERTA, CANADA

Co-Hosted by





Public Health Agency of Canada





Health Canada

Santé Canada

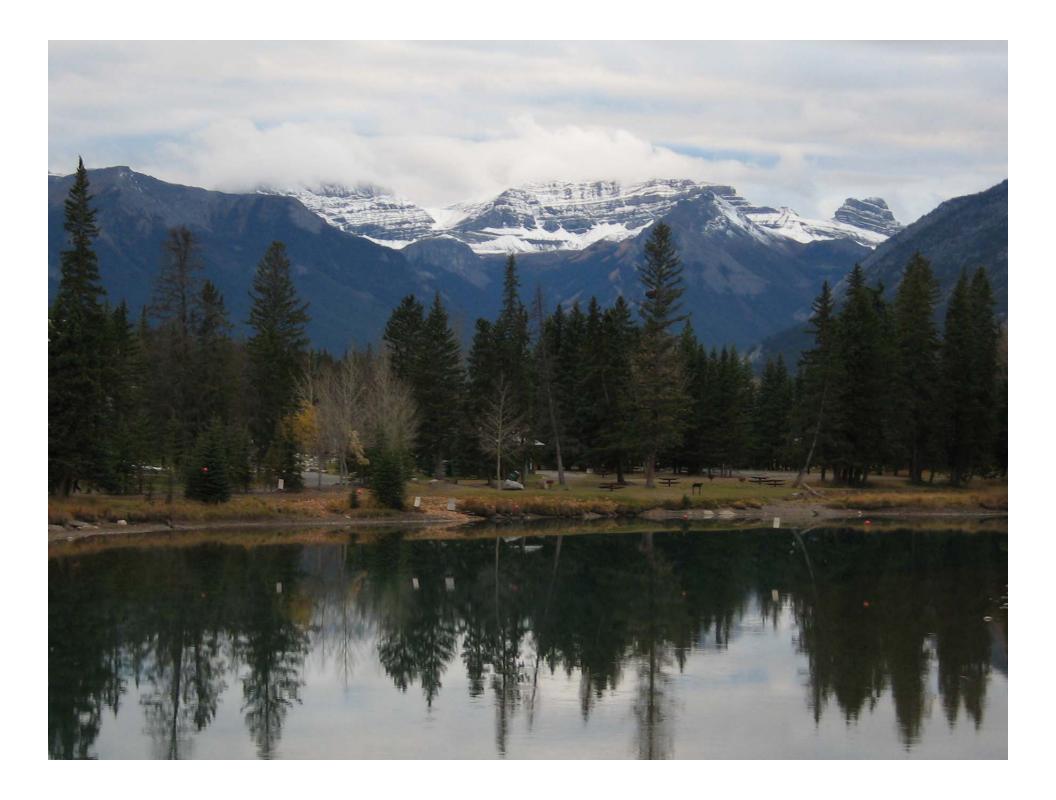






















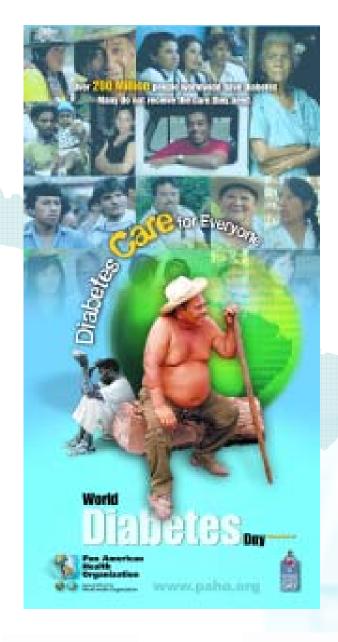
Recommendations for Improving the Quality of Diabetes Care Frequency Description Component Blood Pressure Each visit <130/80mmHg MEDICAL VISITS Eye Exam Annual Ophthalmologist/ Optometrist Dental Exam Every 6 months Teeth and gum exam Brief Foot Exam Each visit Remove shoes and socks Complete Foot Exam Annual Visit the podiatrist if high risk Flu vaccine If available (optional) Annual Hemoglobin A1c Every 3-6 months Triglycerides Annual <150 mg/ dl (1.7mmal/l) LABORATORY Cholesterol total Annual <200 mg / dl (5.0mmol/l) LDL Cholesterol < 100 mg/ dl (<2.2mmol/l) Annual >40mg/dl (> 1.0mmoVl) men; HDL Cholesterol Annual >50mg/dl (1.1mmol/l) women Proteinuria/ albuminuria Annual <30 µg/mg Treatment Goals Each visit Discuss with patient EDUCATION Self Blood Glucose Monitoring Individualized Recommend based on patient's control goals Healthy Eating Each visit Recommend always Physical Activity 30', 5-7 times/ week Recommend always if indicated Pan American Health Organization ALAD world diabetes day





























The National Capacity for NCD Management Survey









National Capacity for NCD Management

- Questionnaire distributed by PAHO/WHO offices
- Answered by national NCD directors
- Response from 24 countries
- Questions included the existence of policy for coverage of medicines, guidelines, prices and list of essential medicines









Medicines for diabetes and hypertension: mean commercial price per tablet and supported use by guidelines or list of essential medicines

	Price US\$	Guidelines (%)	Listed (%)
Insulin	\$13.51	84.6	96.2
Aspirin	\$0.05	80.0	88.5
Metformin	\$0.12	84.6	96.2
Glibenclamide	\$0.08	84.6	96.2
Thiazide Diuretics	\$0.94	84.6	96.2
ACE Inhibitors:	\$0.16	84.6	92.3
CaC Blockers	\$0.94	84.6	80.0
Beta Blockers	\$0.13	80.8	84.6
Statins	\$0.60	69.2	69.2









Procedures, and tests for the management of diabetes and hypertension: mean commercial price per tablet and supported use by guidelines and availability

	Guidelines (%)	Available (%)	Price (US\$)
PB Monitor	69.2	84.6	\$29.52
EKG	76.9	923	\$13.76
BG monitor	80.8	84.6	\$35.51
A1C	80.8	88.5	\$10.86
Lipid profile	76.9	88.5	\$13.08
Bypass	26.9	57.7	\$5,346.84
Angioplasty	38.5	53.8	\$3,647.43
Dialysis	69.2	84.6	\$90.16

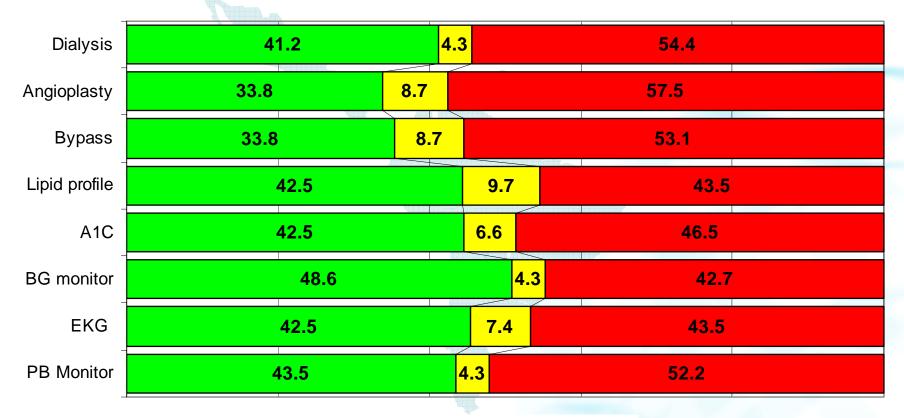








Payment required to patients (%) for procedures, tests and treatments related to diabetes and hypertension













The Central America Diabetes Initiative (CAMDI)









The CAMDI Survey Sample

Site	Sample Size	Surveyed	% of Sample	Tested	% of those Surveyed
Belize*	2,635	2,439	93	1,622	67
S Jose	2,133	1,427	67	1,139	80
S Salvador	2,000	1,870	93	1,156	62
Guatemala C	1,700	1,397	82	966	69
Tegucigalpa	2,400	1,696	71	1,237	73
Managua	2,400	1,993	83	1,694	85
TOTAL	13,138	10,822	82	7,814	72







