geneva, november 23rd, 2013

«accessibility network»

htm seminar
who acce ifmbe

presenter:
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healthcare technology director
general pueyrredon municipality
argentina

denver, co - 2015
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General Pueyredon: Mar del Plata - Batan

250 miles South
Buenos Aires
ARGENTINA

Mar del Plata
Population
- 700,000
Area
- 1,460 km²
Urban Area
- 174 km² (12%)
Density
- 4,042 hab/km²
GDP per capita
7,098 $/year

Batan: Population
- 10,000

Authorities:
Mayor: Acc. Gustavo Pulti
Secretary of Health: Dr. Alejandro Cristaldi
Past Secretary of Health: Dr. Alejandro Ferro

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Mar del Plata

Tourist per year
- 8,500,000

Coasts and Beaches
- 47 km

Water Service
- 93% pop.

Sewer Service
- 92% pop.

Waste Picking
- 100% pop.

Electricity
- 100% pop.

Gas
- 79.4% pop.

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Mar del Plata

International Events
- Paris Dakar Rally
- Tennis Davis Cup
- Mayor Presidents Ibero-American Summits

Industrial Park

5 Universities

Major Fishing Port of the Country

“Argentina Summer’s Capital”
First City elected by InterAmerican Development Bank in ARGENTINA

Work in 3 major topics:
- Urban Change
- Environment and Climate Change
- Fiscal and Governance

Master plan for a Technological Park

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The Health System

Public System (Next Slide)

Private System

* 1 Hospital
* 7 Clinics
* 10+ Specialized Centers
* 3 Imaging Centers
* 10+ Laboratories

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The Public Health System – «Net Work»

National Institutes:
- Trauma and Neurological Rehabilitation
- Epidemiology

Buenos Aires State Hospitals:
- 2 Regional Acute Level (RALH)
- 1 On demand Unit (UPA)

General Pueyrredon Municipality:
- 33 Primary Care Centers (PCC)
- Since 2012, Center for Ambulatories Medical Specialties (CEMA) - Diagnosis

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Municipal Health System

39% of population has no Social Security coverage

Key Points:
- Promotion and Prevention of Health Status
- Work with National and Buenos Aires State MoH
- Several programs to control main diseases like Diabetes, Obesity and Breast Cancer
In 2009, a tax for Health and Child Development was created, where 30% of population with lower resources, does not pay. The rest pays between U$S 1 to U$S 6 monthly.

The collection is about U$S 6 Million/Year. In 2007 the budget for Healthcare was 1% of total Municipal Budget, nowadays is 9% (U$S 43 Millon/Year)

In 2012, the investment in Medical Devices was U$S 4 Millons for 4 New PCC and CEMA.

Our Healthcare system is free of charge to everyone, if patient owns SS, we recover the value of the practice from SS.

Since 2007, 17 PCC were rebuilt or updated.

A loan from IDB, is finishing to install IT hardware & software, in those 33 PCC.

We focus on accessibility, trying the patient does not move long distances.
In November 2012, it starts the Second Level in the Health System, between PCC and RALH.

Strengthening Tool

Project between National and Buenos Aires State MoH, and Municipality. (U$S 10 Million)

First big Government Health project in last 40 years.

Just Patients appointed via PCC and RALH, SMS confirmation reduce absents.

Promotion and Prevention – Diagnosis

6,200 sqm. in 3 Levels, all digital. Prepared to build 2 more Levels.

All categorized staff: Physicians, Technical, Administrative and Nurses.

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CEMA - (Centro de Especialidades Medicas Ambulatorias)

20+ Medical Specialties:
- Opthalmology
- Cardiology
- Dentistry
- ENT
- Neurology
- Infectious Diseases
- Diabetes
- Nephrology
- Gynecology
- Urology
- Endoscopy
- Imaging
- Laboratory
- Oncology
- Pneumonology
- Etc.

Patients attended: YEAR 2013: 105,000  YEAR 2014: 140,000
DASHBOARD: Start Simple, Measure, Take Actions

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CEMA- (Centro de Especialidades Medicas Ambulatorias)

- Medical Equipment: from Sphygmomanometers to MRI (First one from Government in the region).
- IT: Simplification on information nodes (RIS-PACS, LIS, HIS, Cardio Pulmonary Platform), interoperability and telemedicine.
- Safer Patient data.
- 2 RALH connected to the Network.
- In mind: Keep safe Patients, Workers and Environment.

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Healthcare Technology Department

• Ensure the efficient and continuous operation for facilities, IT and medical equipment.
• A simple or complex device must be calibrated, and available at least 90-95% of time.
• Work closely with equipment Operators. It reduces Downtimes.
• Prioritize Safety for Patients and Staff. Communicate and Train Them.
• Simplify and adapt to real needs.
• Involve to all stakeholders in decisions.
• Keep records.
• Motivated and trained personnel.
• Cost control with Master Plan.
Future Plans (2015-2016)

- Increase number of patients served.
- Strengthen relationship with PCC and RALH.
- Finish IDB project for PCC digitalization, and teach about this new culture of work. Measure results.
- Manage all appointments with a call center.
- Build an Ambulatory Surgery Unit and a Cancer Center
- Purchase more medical devices, based on data analysis.
Accessibility Network

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