

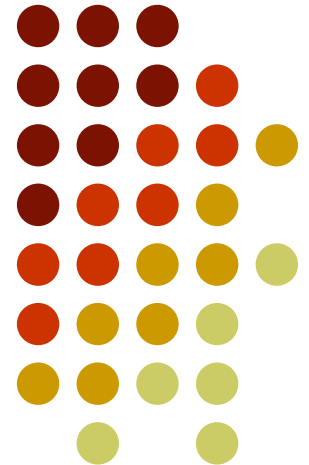
The Alliance for Radiation Safety in Pediatric Imaging

The *image gently* campaign

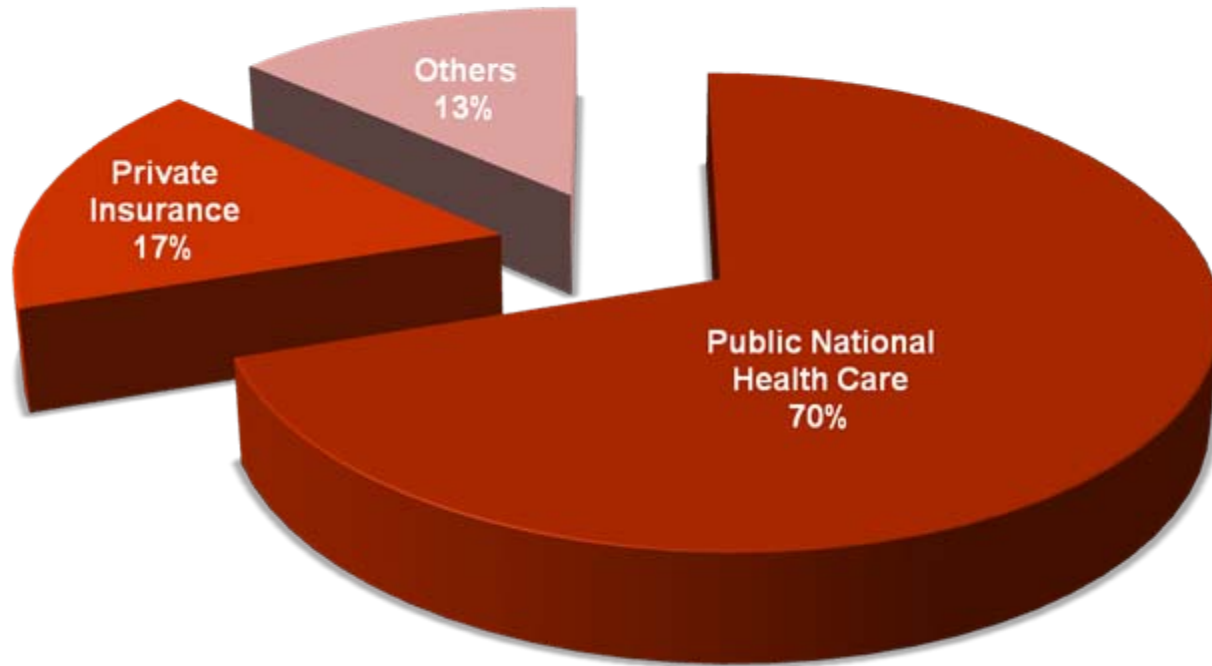
Ximena Ortega MD.

Latin American Society of Pediatric Radiology.

Santiago, Chile.



Type of health care





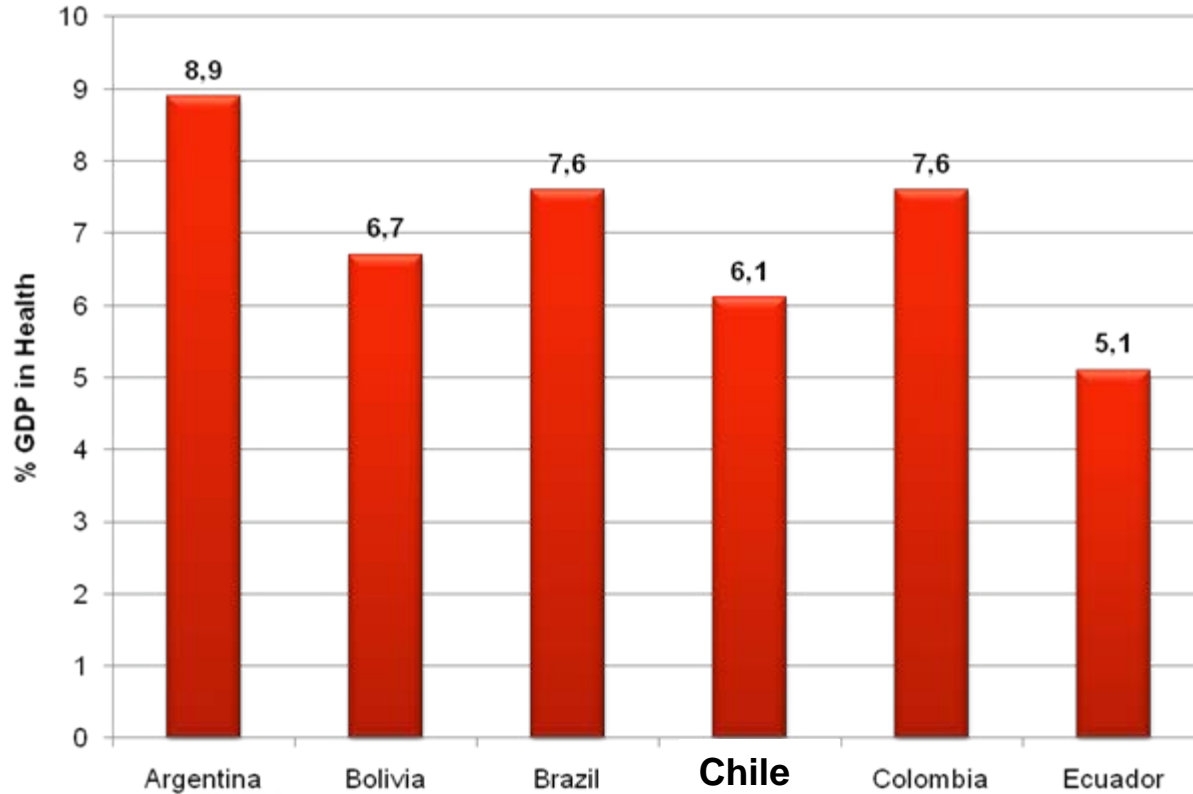
Type of health care

- Access to healthcare

Health Care Type	Group	U\$/year	% cover
Public	A	0	100%
	B	< 3500	70%
	C	<5500	50%
	D	>5500	20%
Private		>9000	50-90%



Gross national product: Health care representation

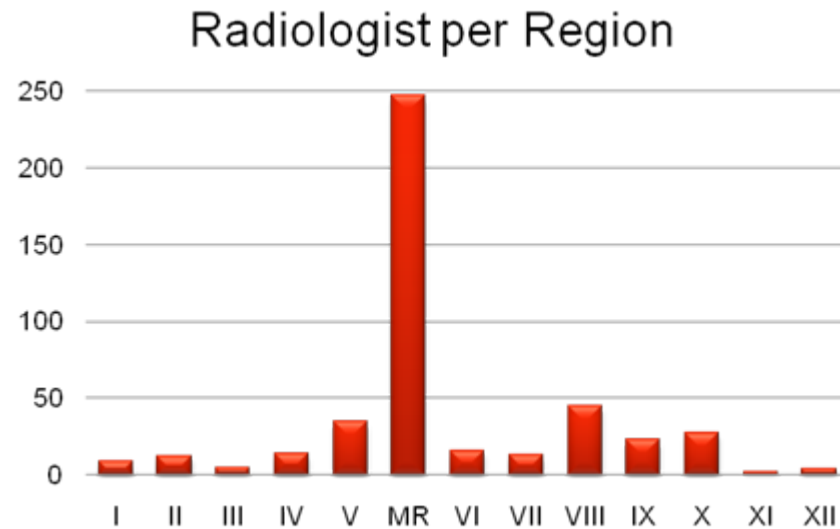




Radiology Practice



- Radiologist
- Cardiologist
- OB-G
- Urologist
- Internal Medicine
- Traumatologist
- Technician



Vergara et al. Mapa de los Radiólogos de Chile. Revista Chilena de Radiología. 2007; 13(2):70-74.

image
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Pediatric Radiologist



- No local postgraduate certification
- Local rotation: university, private clinics
- International rotation: (US, Spain, Canada)
 - 50 pediatric radiologist





Radiation protection (CT)

Radiologists

- Increasing conscience
- Preferring US
- Improving MR training
- Using pre-set low dose protocol
- Issue in ped rotation

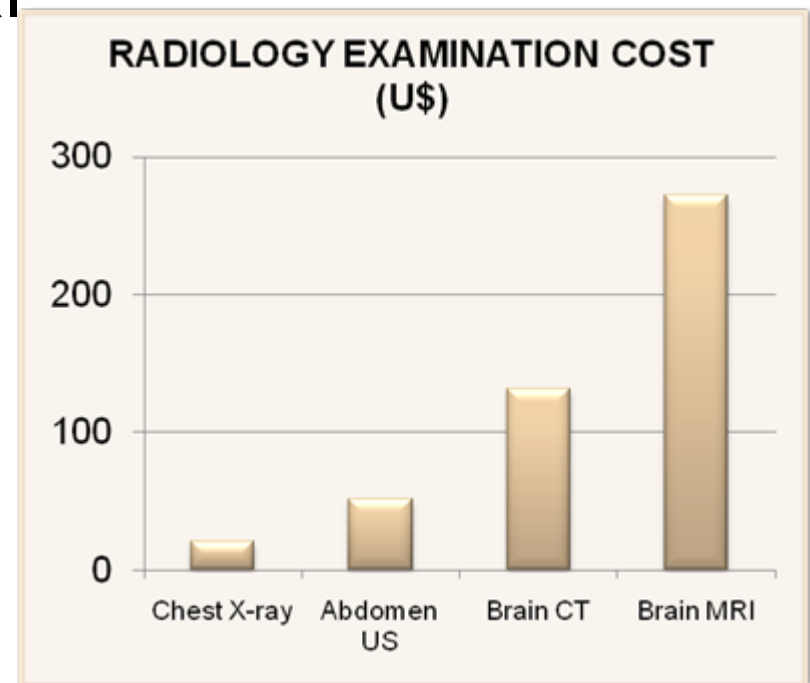
Pediatricians

- CT is exceptional (radiation = danger)
- Confident with US
- Best tool during the night or weekend (surgical decisions)
- Preferred by adult's clinicians

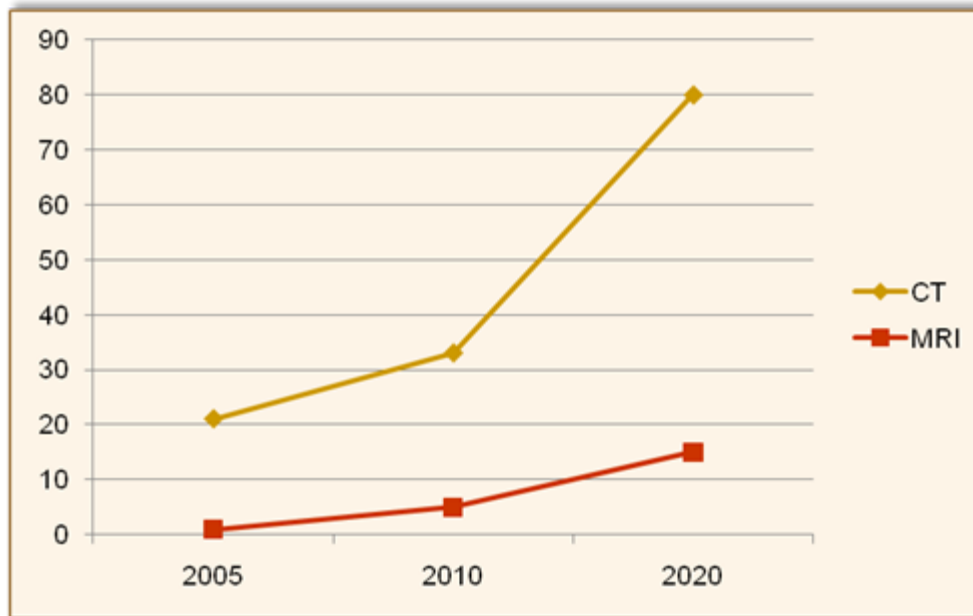


CT or MRI for children

- 1 CT scanner dedicated (childrens' hospital)
- No MRI scanner for children
- 20% children/adult in CT
- 10-15% children/adult in MRI
- Limitations
 - Availability
 - Cost
 - Sedation



Growth of CT and MRI



20%



80%

image
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Hospitals central zone (current situation)



Working



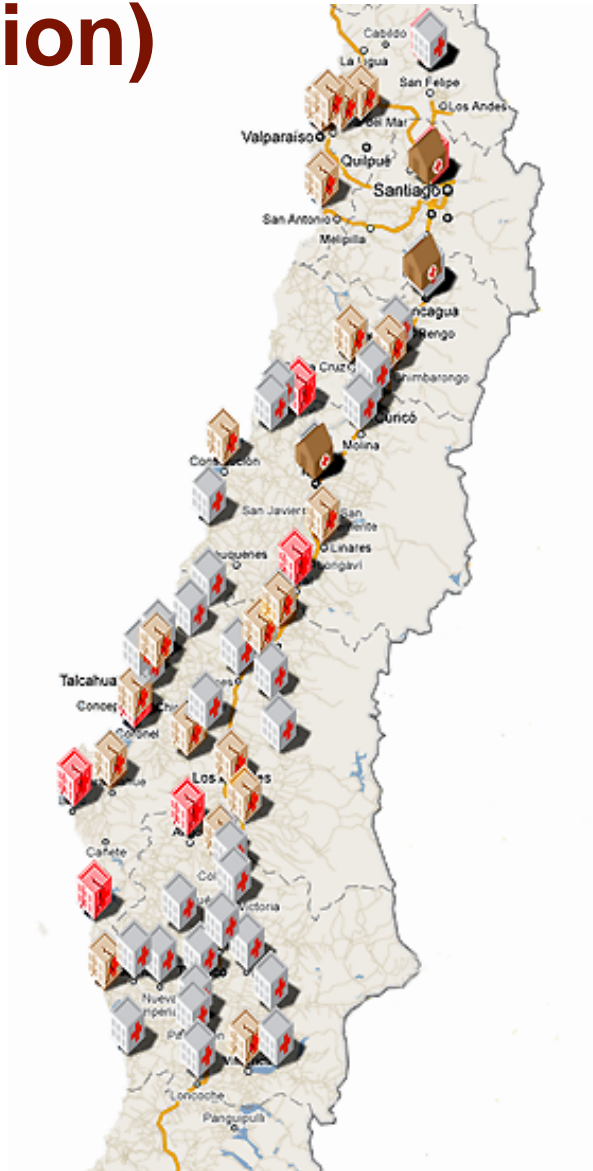
Damaged



Destroyed



Campaign



March, 2010

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