

Global Consensus in CHILD HEALTH

Distinct Features of Children with a Rare Disease in Preventive Child Health Care

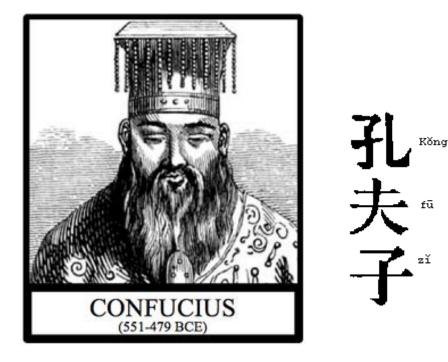
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Shwachman Syndrome Support Holland

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Netherlands Centre Youth Health, Utrecht, Netherlands



Life is simple, but we insist on making it complicated.



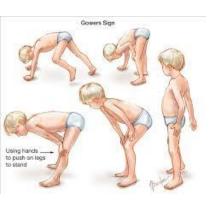
It does not matter how slowly you go as long as you do not stop.



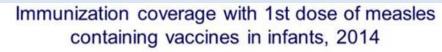
Preventive Child Health

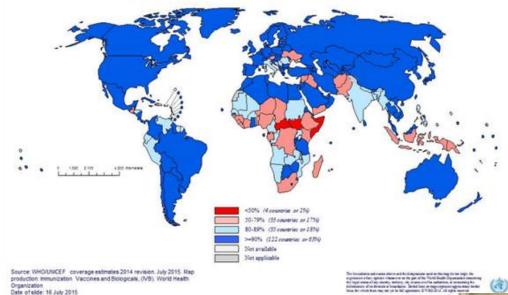






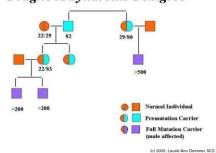




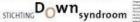




Fragile X Syndrome Pedigree





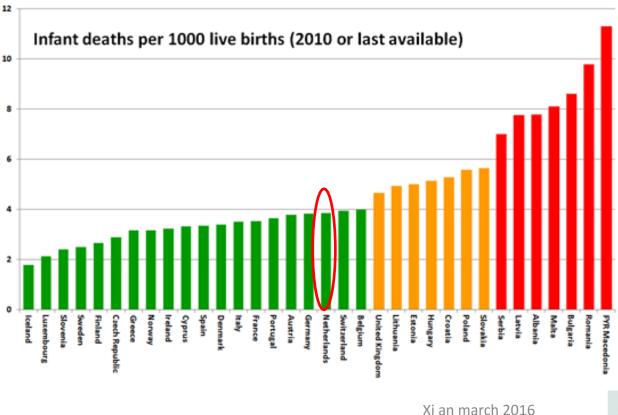


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Under 5 in mortality in Europe

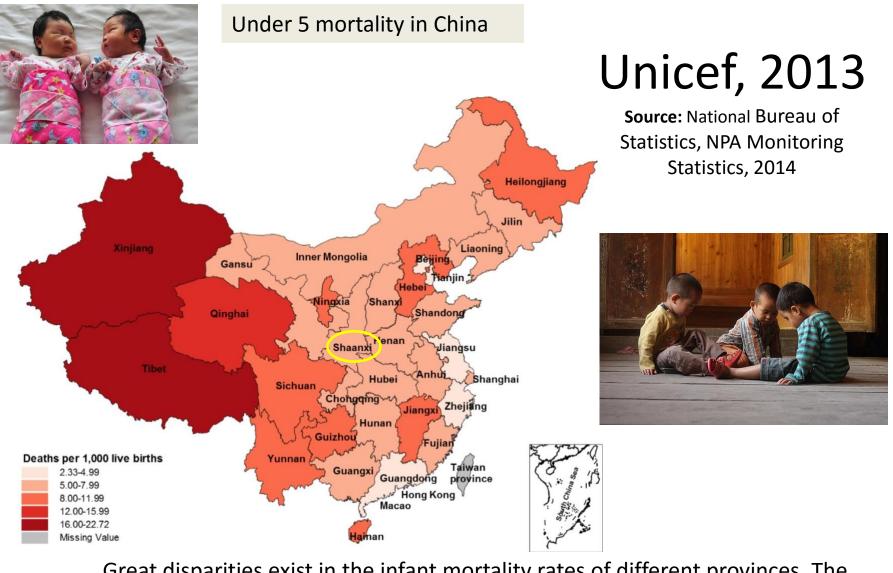










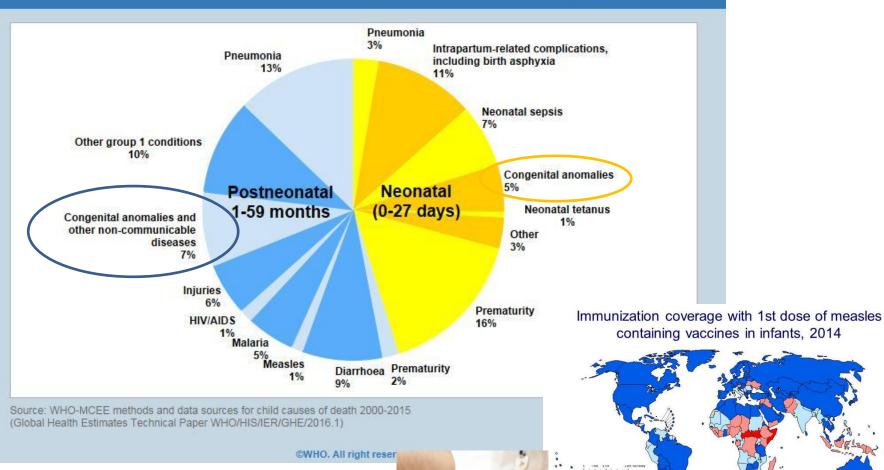


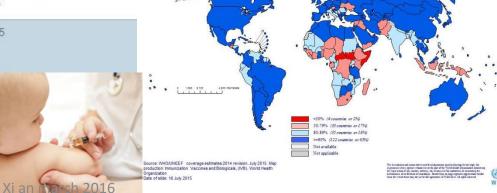
Great disparities exist in the infant mortality rates of different provinces. The infant mortality rate is generally highest in western provinces and lowest in eastern provinces, while central provinces mainly fall in between. The infant mortality rate ranges from 2.3 per thousand live births in Beijing to around 20 per thousand live births in Xinjiang and Tibet.

WHO indicators under 5 mortality











Rare is common in pediatrics

- A disease or disorder is defined as rare in Europe when it affects less than 1 in 2000.
- There are between
 6000 and 8000 rare diseases: 5-8%
 population
- 80% of rare diseases are of genetic origin, and are often chronic and life-threatening.

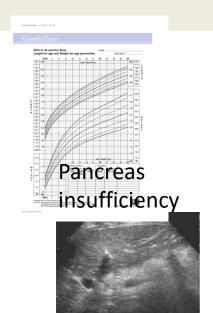




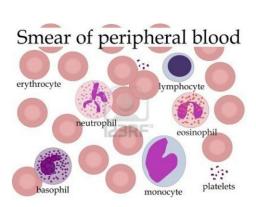




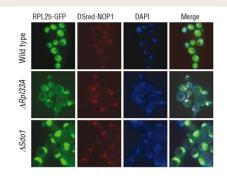
Shwachman Diamond Syndrome (SDS)



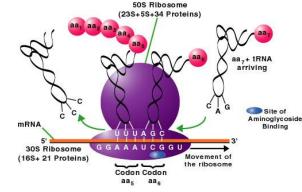




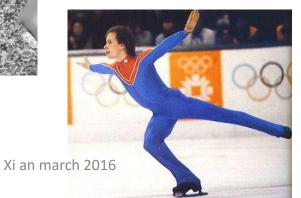




Ribosomopathy



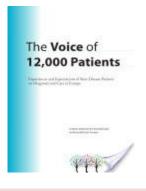








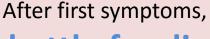
Listen to the Voices of Patiënts with Rare Diseases











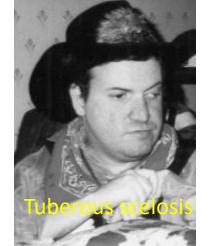


which can last for years.

After the diagnosis,
faced with













Codification **Meaning** ICD & Orpha code International Code of **Diseases** / Orphanet code ICF (-CY) The International Classification of Functioning, **Disability** and Health for Children and Youth (ICF-CY) is a derived version of the International Classification of Functioning, Disability and Health (ICF, WHO, 2001) designed to record characteristics of the developing child and the influence of environments surrounding the child. LOINC A universal code system for tests, measurements, and observations. **ICPC** ICPC-2 classifies patient data and clinical activity in the domains of General/Family Practice and primary care, taking into account the frequency distribution of problems seen in these domains. **ATC** The purpose of the ATC/DDD system is to serve as a tool for drug utilization research in order to improve quality of drug use. ISO 9999 ISO 9999:2011 establishes a classification of assistive products, especially produced or generally available, for persons with disability.



Duchenne Muscular Dystrophy

Diagnosis



LOINC Lab code

Age at Diagnosis

700

600

500

400

300

Age Symptoms
Began
(n=1233)

DuchenneConnect is targeted toward participants in the US

Tests are needed before DMD can be diagnosed. The first step in making the diagnosis is a blood test. This tests for creatine kinase. Children with DMD always have a very high level of creatine kinase (about 10-100 times normal). Therefore if a child's creatine kinase level is normal, then DMD is ruled out. If the creatine kinase level is high, further tests are needed to see whether this is due to DMD or to some other condition.

http://www.patient.co.uk/health/duchenne -muscular-dystrophy-leaflet

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www.shwachman.nl (ORPHA811) (ICD 10 : D61.0)		Growth retardation Recurrent infections (LOINC)		Guideline SDS (Orphanetcode; SNOMED, ATC e.a.)		Recurrent illness Fatigue, Short (ICF-CY; ISO 9999)	
New Diagnostics LOINC ICPC			Pra Duche	Diagnosis Prader Willi Duchenne MD, PKU Chman Diamond Syndrome Chman			
	Sign primary care Heelstick screening Hearing screening Growth; Development ISO 3166-1 HL7				Guide Collaborati Car	ve Health	
					GS ICF(-CY)		erapeutics
		Data collection Data collection systematically of computer pro- collection med	on with organised cessable	Soci	Guideline fal services and ehabilitation	Xi an	march 2016

Diagnosis

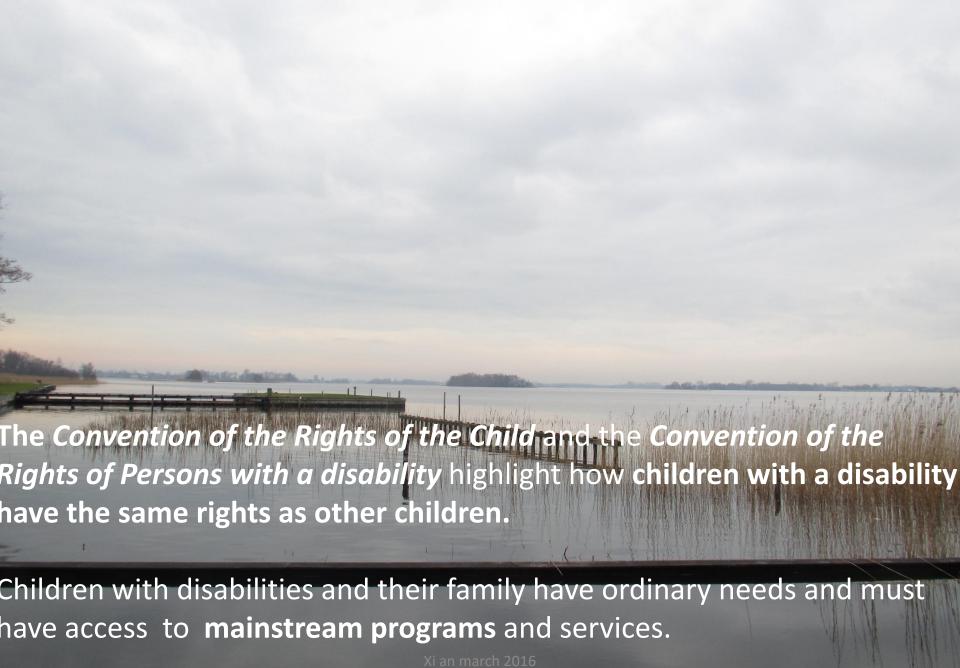
Collaborative care

Social Services

Patient Informatiom

Primary Care





Wethank





FOP Stichting Nederland

And you for your attention

Stichting Shwachman syndroom Support Holland

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