

# INFORMATIZZAZIONE DELL'OSPEDALE IN AFRICA

Le esperienze di Informatici Senza Frontiere

**Dino Maurizio**  
**Presidente**  
**Informatici Senza Frontiere**



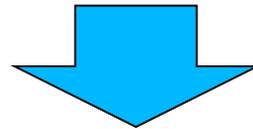
INFORMATICI  
SENZA  
FRONTIERE





INFORMATICI  
SENZA  
FRONTIERE

- Onlus
- Competenze Tecnologiche ICT
- Contesti di emarginazione



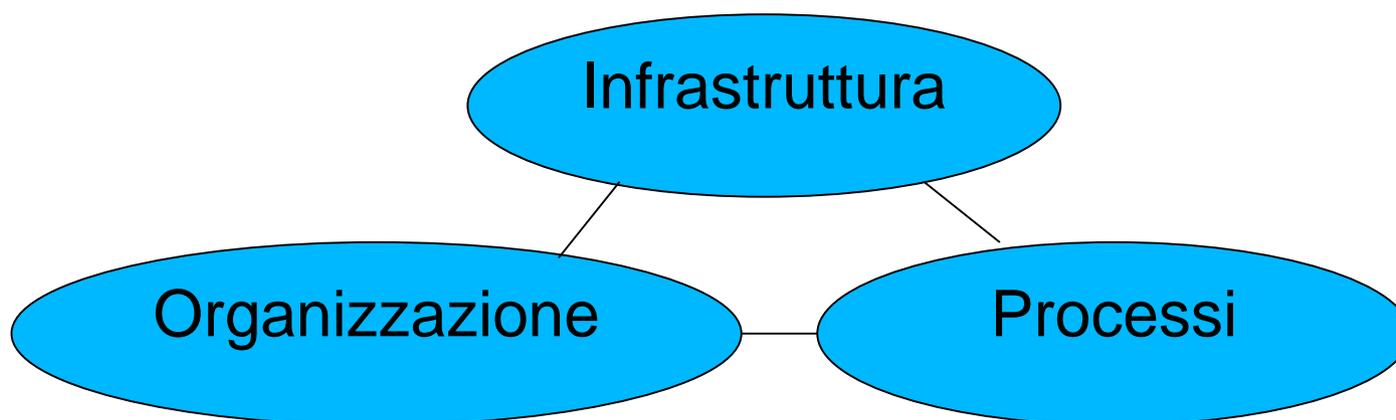
- Conoscenza
- Sviluppo Soluzioni Applicative
- Disabilita'



INFORMATICI  
SENZA  
FRONTIERE

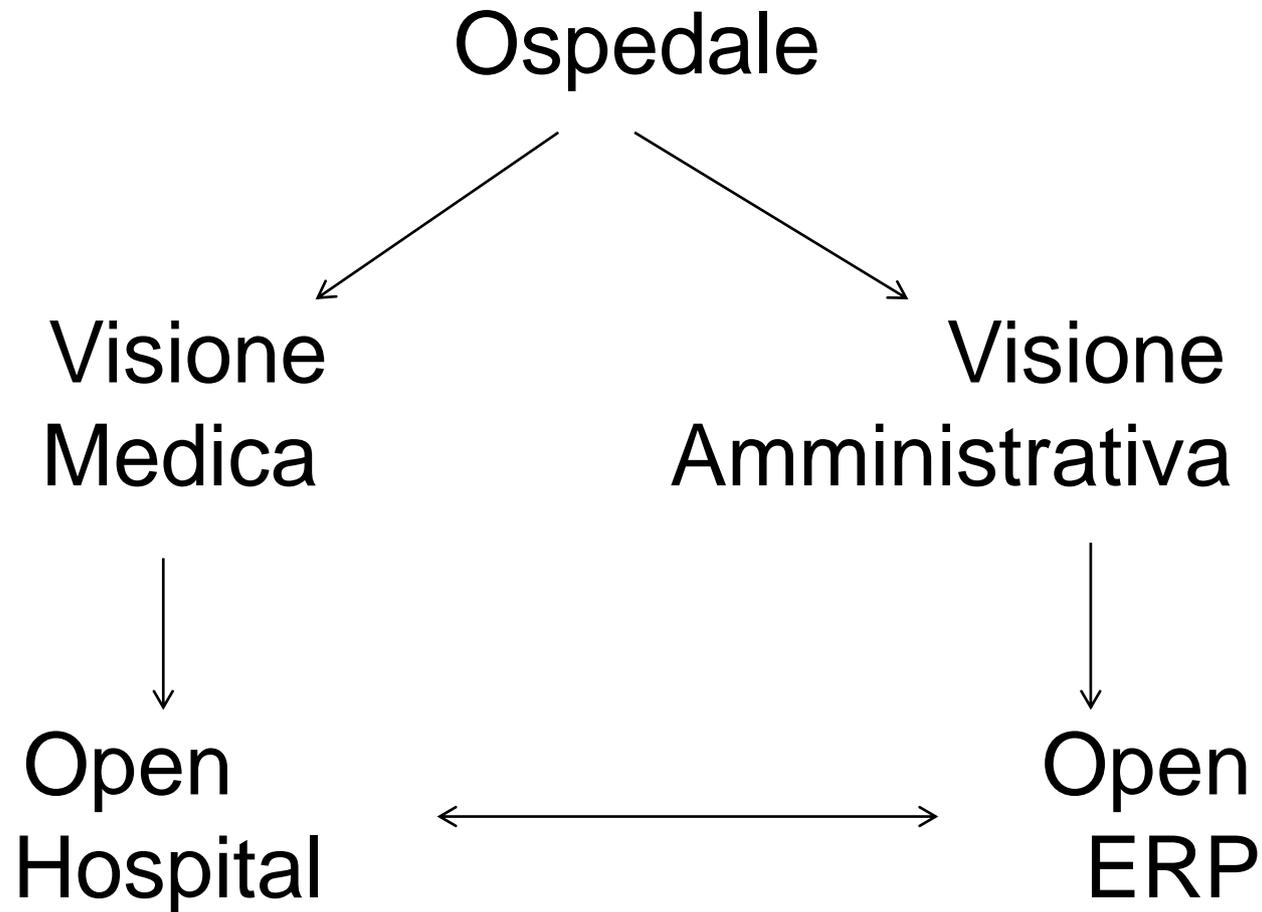
# Perché Informatizzare?

## Aiuta a salvare vite





INFORMATICI  
SENZA  
FRONTIERE





INFORMATICI  
SENZA  
FRONTIERE

**OH** OPEN  
HOSPITAL

- HIMS - Health Information Management System
- Open Source
- Multilingua ( English, Italian, French, German, Spanish, Portuguese, Arabic, Swahili )
- Facile Utilizzo
- Ampiamente testato





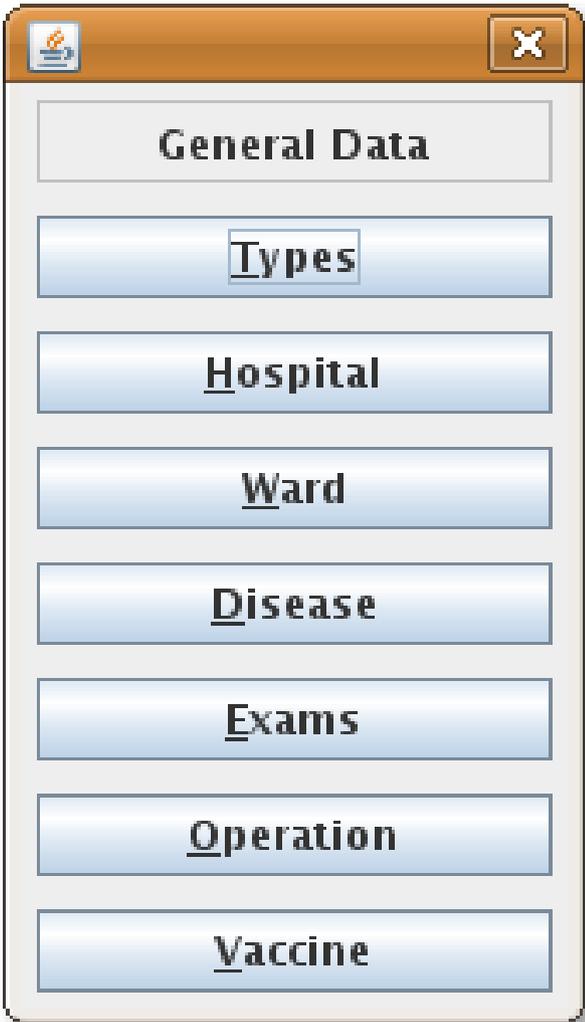
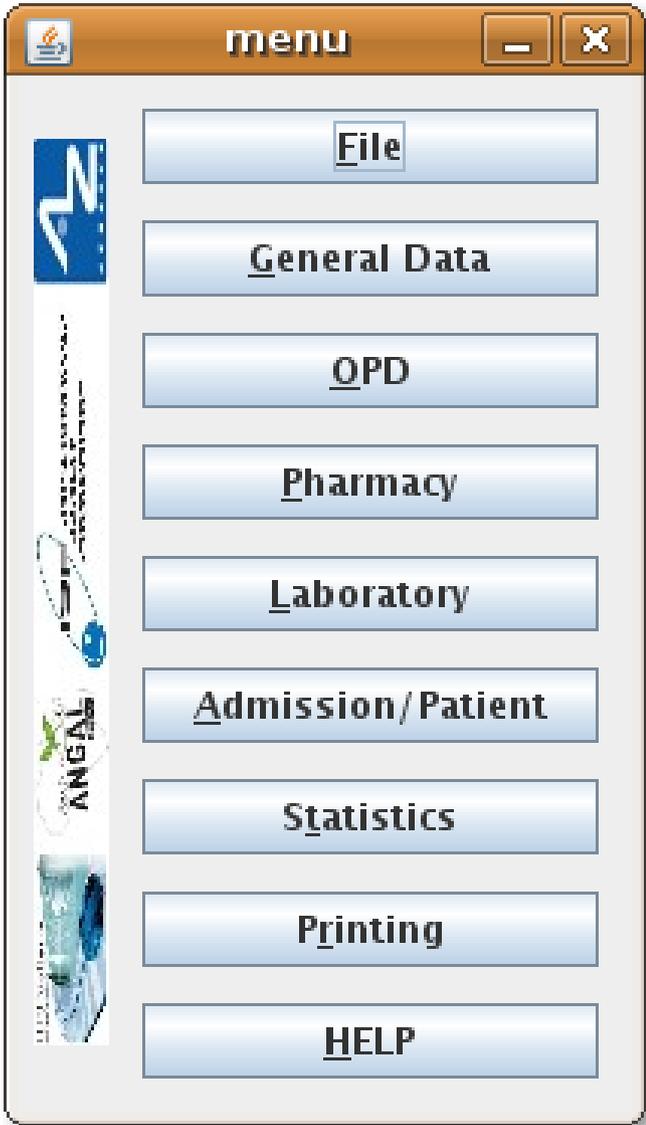
INFORMATICI  
SENZA  
FRONTIERE

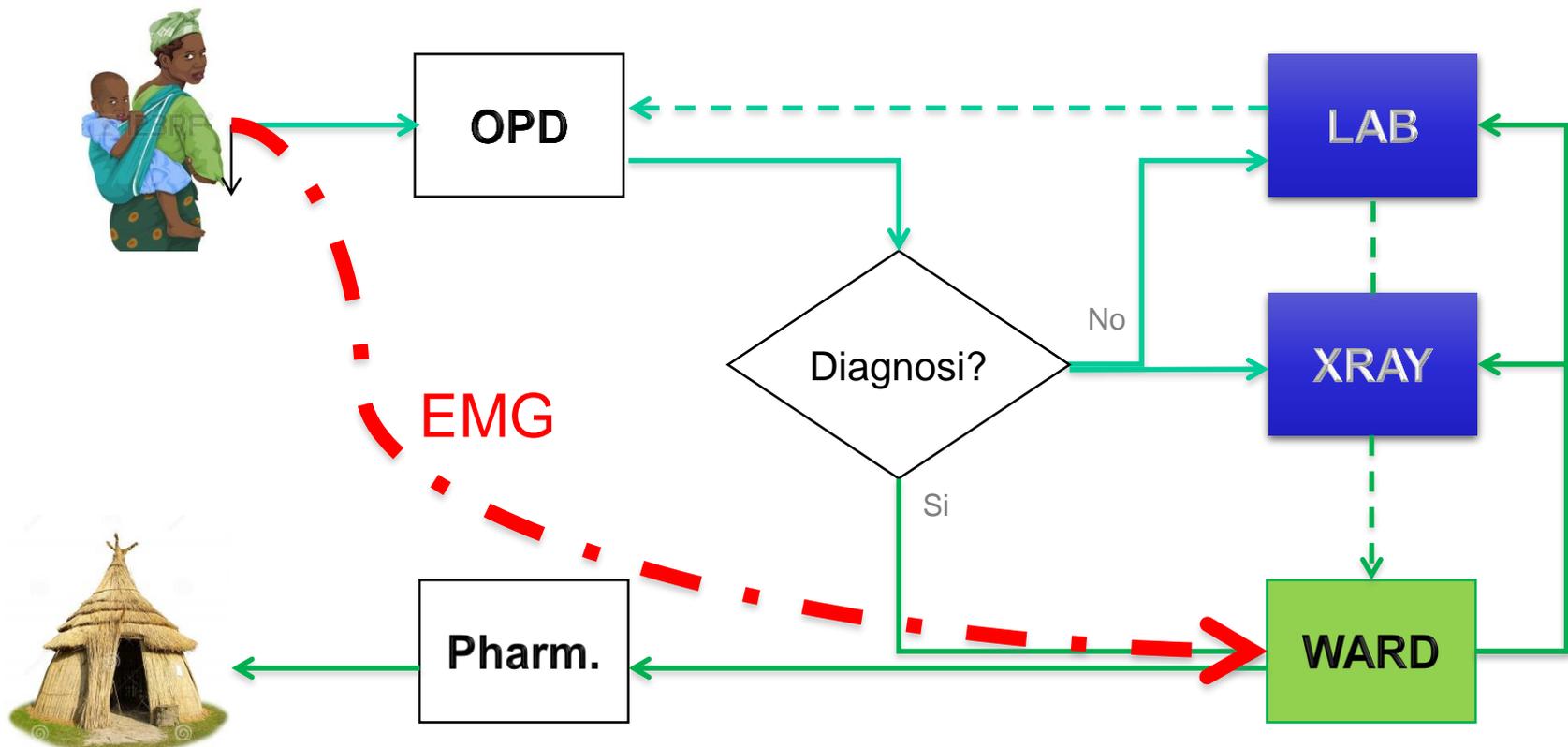


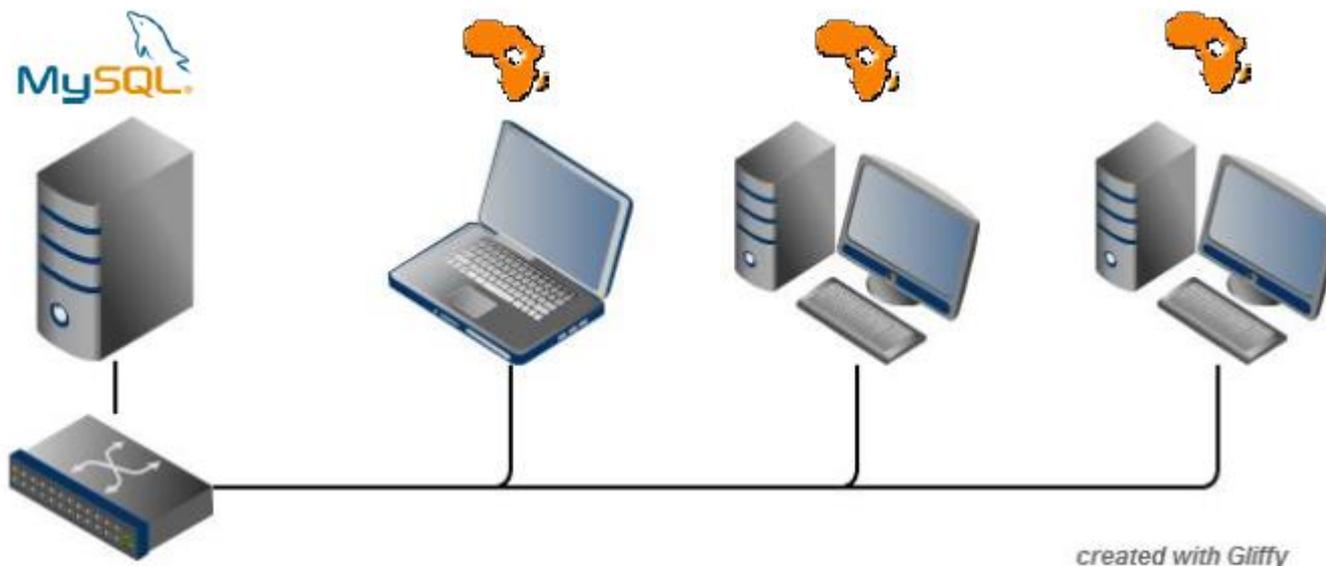
**13 Paesi**  
**23 Ospedali**  
**4.000 Posti letto**











- ✓ Server Linux, con RAID 1 e backup UPS
- ✓ Clients di qualsiasi marca e modello, con utenti limitati

- Analisi Preparatoria (Questionari)
- Sopraluogo (1-2 settimane)
- Preparazione Applicazione (1+ mese)
- Installazione Infrastruttura (1 settimana)
- Training (2-4 settimane)
- Go Live (1 settimana)
- Follow up



- Volontà della Direzione Ospedale
- Focal Point Tecnico
- Documentazione
- Struttura Fisica (mura, energia, rete, etc.)
- Virus
- .....e ancora: Volontà della Direzione !!!

# «GRAZIE»



**Dino Maurizio**  
**Presidente**  
**Informatici Senza Frontiere**



INFORMATICI  
SENZA  
FRONTIERE



MEDICI  
CON L'AFRICA  
CUAMM



Centro  
Salute Globale  
Regione Toscana

# OPD

## Features:

Search patients by keywords

Automatic re-attendance

Note field

Calendar tool

Referrals specifications

New/Edit Patient links

**New OPD registration(L,2)**

New Attendance  Referral from

Attendance Date: 07/05/09 OPD No.

Search: Daniel Daniel Mutegi

Disease Type: 1.NOTIFIABLE DISEASES

Diagnosis: Measles

Diagnosis n.2 (full li...)

Diagnosis n.3 (full li...)

**Patient (code: 401)**

First Name: Mutegi 2768

Last Name: Daniel

Address: Kanyu, ru

City:

Next Kin:

Age: 10

Sex:  Male  Female

OK Cancel

02/0...	Ikinda. . M	80	All Other DISEASES (specify)	5. All Other	New
02/0...	Kinyua ... M	23	Respiratory distress	4. NON-COMMUNICABLE DISEA..	New

New Edit Delete Close

# Admission

**Features:**

- Search patients by keywords
- Patient Extended personal informations
- Integrated Patient History
- Reports generator
- Admission
- OPD

# Pharmacy

Pharmaceutical browsing

TYPE	CODE	DESCRIPTION	PRICE	STOCK	CRIT. LEVEL	QTY. OF STOCK
Drugs		Acetazolamide 250mg Tab				
Drugs		Aciclovir				
Drugs		Acyclovir 200mg Tab				
Drugs		Adrenaline 1mg/ml 1ml Amp				
Drugs		Albendazole 200mg Tab				
Drugs		Albendazole 400mg Tab				
Drugs		Alcohol 95% not denatured 20Ltrs				
Drugs		Aminophylline 25mg/ml, 10ml Amp				
Drugs		Aminophylline 100mg Tab	0	0.0	0.0	<input type="checkbox"/>
Drugs		Amitriptyline 25mg Tab	0	0.0	0.0	<input type="checkbox"/>
Drugs		Amoxicillin /Clavulanate 375mg Tab	0	0.0	0.0	<input type="checkbox"/>
Drugs		Amoxicillin 125mg/5ml Powd. Susp 100ml	0	0.0	0.0	<input type="checkbox"/>
Drugs		Amoxicillin 250mg Caps	0	0.0	0.0	<input type="checkbox"/>
Drugs		Amphotericin B 50mg Vial	0	0.0	0.0	<input type="checkbox"/>
Drugs		Ampicillin 500mg Vial	0	0.0	0.0	<input type="checkbox"/>
Drugs		Antihæmorrhoid suppositories	0	0.0	0.0	<input type="checkbox"/>
Drugs		Ascorbic Acid 100mg tab	0	0.0	0.0	<input type="checkbox"/>
Drugs		Aspirin 300mg Tab	0	0.0	0.0	<input type="checkbox"/>
Drugs		Atenolol 100mg Tab	0	0.0	0.0	<input type="checkbox"/>

Select type **ALL**

**Features:**

- Filter drugs by type
- Specify pieces per packets and critical levels
- Export to CSV format

# Laboratory

Pharmaceutical browsing

TYPE	CODE	DESCRIPTION	STOCK	CRIT. LEVEL	OUT OF STOCK
Drugs		Acetazolamide 250mg Tab			
Drugs		Aciclovir			
Drugs		Acyclovir 200mg Tab			
Drugs		Adrenaline 1mg/ml 1ml Amp			
Drugs		Albendazole 200mg Tab			
Drugs		Albendazole 400mg Tab			
Drugs		Alcohol 95% not denatured 20Ltrs			
Drugs		Aminophylline 25mg/ml, 10ml Amp			
Drugs		Aminophylline 100mg Tab			
Drugs		Amitriptyline 25mg Tab			
Drugs		Amoxicillin /Clavulanate 375mg Tab			
Drugs		Amoxicillin 125mg/5ml Powd. Susp 100ml	0	0.0	0.0
Drugs		Amoxicillin 250mg Caps	0	0.0	0.0
Drugs		Amphotericin B 50mg Vial	0	0.0	0.0
Drugs		Ampicillin 500mg Vial	0	0.0	0.0
Drugs		Antihaemorrhoid suppositories	0	0.0	0.0
Drugs		Ascorbic Acid 100mg tab	0	0.0	0.0
Drugs		Aspirin 300mg Tab	0	0.0	0.0
Drugs		Atenolol 100mg Tab	0	0.0	0.0

Select type **ALL**

**Features:**

- Filter drugs by type
- Specify pieces per packets and critical levels
- Export to CSV format

# Report

Statistics module allows to launch JasperReport® reports and show them on the screen, as well saving them as PDF or printing

Report Launcher

**Parameters Selection Frame**

Report HMIS 108 - page 1 - 1. census info ▼

Launch Report

HEALTH UNIT INPATIENT MONTHLY REPORT							Month to	Year
							2009	
NUMBER OF ADMISSIONS AND DEATH BY DIAGNOSIS (disease IN, admission date)								
	Under five years older				Five years and older			
	Cases		Deaths		Cases		Deaths	
	M	F	M	F	M	F	M	F
<b>BLE DISEASES</b>								
30 Paralysis								
31 In prostate								
32 Infall or mutations and chromosome								
Dysentery								
33 In								
34 In								
35 In								
36 In								
37 In								
38 In								
39 In								
40 In								
41 In								
42 In								
43 In								
44 In								
45 In								
46 In								
47 In								
48 In								
49 In								
50 In								
51 In								
52 In								
53 In								
54 In								
55 In								
56 In								
57 In								
58 In								
59 In								
60 In								
61 In								
62 In								
63 In								
64 In								
65 In								
66 In								
67 In								
68 In								
69 In								
70 In								
71 In								
72 In								
73 In								
74 In								
75 In								
76 In								
77 In								
78 In								
79 In								
80 In								
81 In								
82 In								
83 In								
84 In								
85 In								
86 In								
87 In								
88 In								
89 In								
90 In								
91 In								
92 In								
93 In								
94 In								
95 In								
96 In								
97 In								
98 In								
99 In								
100 In								
<b>INFECTIOUS /COMMUNICABLE DISEASES</b>								
101 In								
102 In								
103 In								
104 In								
105 In								
106 In								
107 In								
108 In								
109 In								
110 In								
111 In								
112 In								
113 In								
114 In								
115 In								
116 In								
117 In								
118 In								
119 In								
120 In								
121 In								
122 In								
123 In								
124 In								
125 In								
126 In								
127 In								
128 In								
129 In								
130 In								
131 In								
132 In								
133 In								
134 In								
135 In								
136 In								
137 In								
138 In								
139 In								
140 In								
141 In								
142 In								
143 In								
144 In								
145 In								
146 In								
147 In								
148 In								
149 In								
150 In								
151 In								
152 In								
153 In								
154 In								
155 In								
156 In								
157 In								
158 In								
159 In								
160 In								
161 In								
162 In								
163 In								
164 In								
165 In								
166 In								
167 In								
168 In								
169 In								
170 In								
171 In								
172 In								
173 In								
174 In								
175 In								
176 In								
177 In								
178 In								
179 In								
180 In								
181 In								
182 In								
183 In								
184 In								
185 In								
186 In								
187 In								
188 In								
189 In								
190 In								
191 In								
192 In								
193 In								
194 In								
195 In								
196 In								
197 In								
198 In								
199 In								
200 In								
<b>NON-INFECTIOUS /NON-COMMUNICABLE DISEASES</b>								
201 In								
202 In								
203 In								
204 In								
205 In								
206 In								
207 In								
208 In								
209 In								
210 In								
211 In								
212 In								
213 In								
214 In								
215 In								
216 In								
217 In								
218 In								
219 In								
220 In								
221 In								
222 In								
223 In								
224 In								
225 In								
226 In								
227 In								
228 In								
229 In								
230 In								
231 In								
232 In								
233 In								
234 In								
235 In								
236 In								
237 In								
238 In								
239 In								
240 In								
241 In								
242 In								
243 In								
244 In								
245 In								
246 In								
247 In								
248 In								
249 In								
250 In								
251 In								
252 In								
253 In								
254 In								
255 In								
256 In								
257 In								
258 In								
259 In								
260 In								
261 In								
262 In								

# «GRAZIE»



**Dino Maurizio**  
**Presidente**  
**Informatici Senza Frontiere**



INFORMATICI  
SENZA  
FRONTIERE



MEDICI  
CON L'AFRICA  
CUAMM



Centro  
Salute Globale  
Regione Toscana