



PRESENTAZIONE DI
PRESENTATION BY

FRANCESCO TOMASELLO

AL FORUM
AT THE FORUM

**“LO SVILUPPO DELL’AFRICA:
UN’OPPORTUNITÀ PER L’EUROPA, PER L’ITALIA E PER LA SICILIA”**

**“DEVELOPING AFRICA:
AN OPPORTUNITY FOR EUROPE, ITALY AND SICILY”**

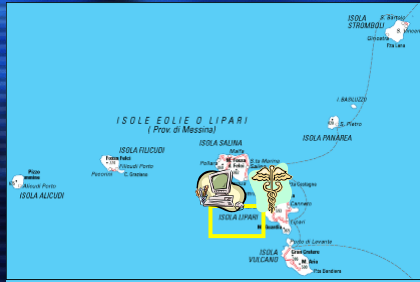
Taormina
San Domenico Palace Hotel

2 e 3 ottobre 2008
October 2 and 3, 2008

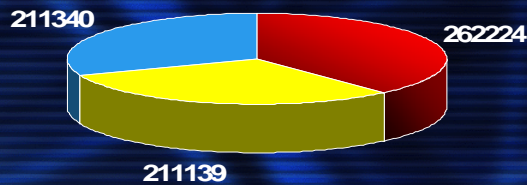
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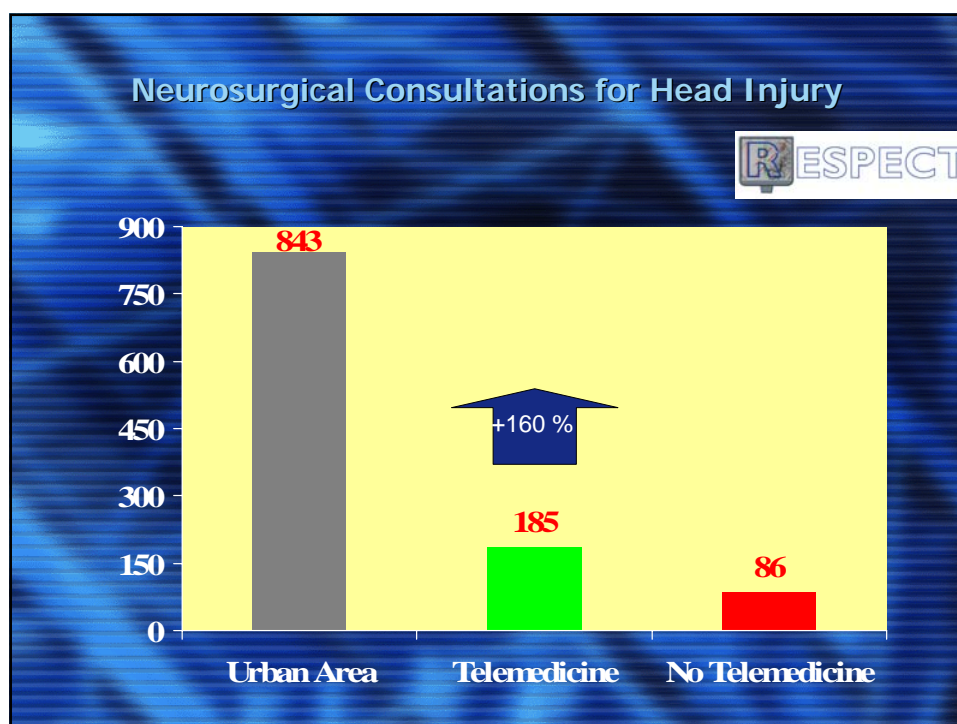
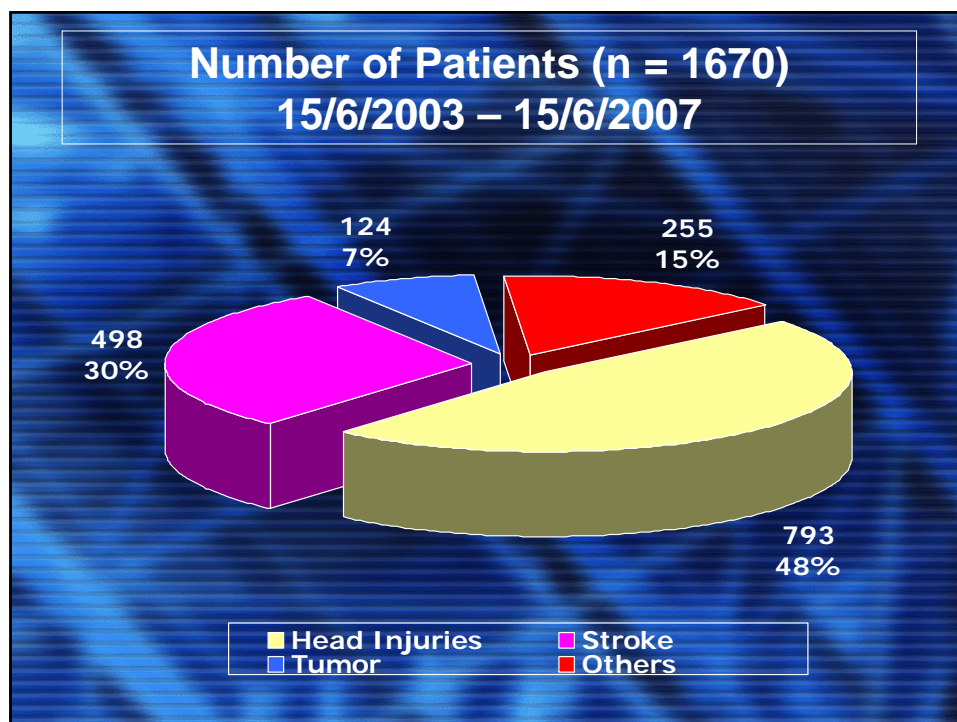
The Network



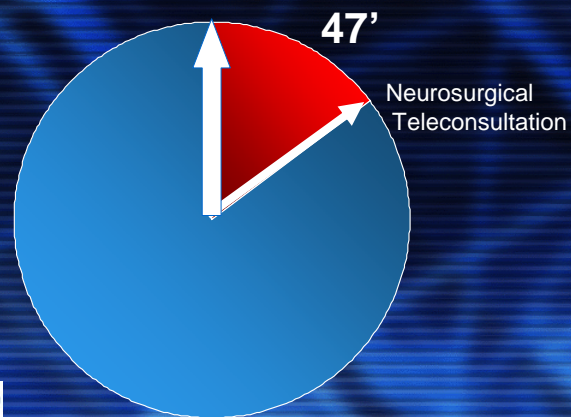
Population of Messina District
684,703 subjects



■ Group 1: Urban Area
 ■ Group 2: Suburban with Telemed
 ■ Group 3: Suburban wo Telemed

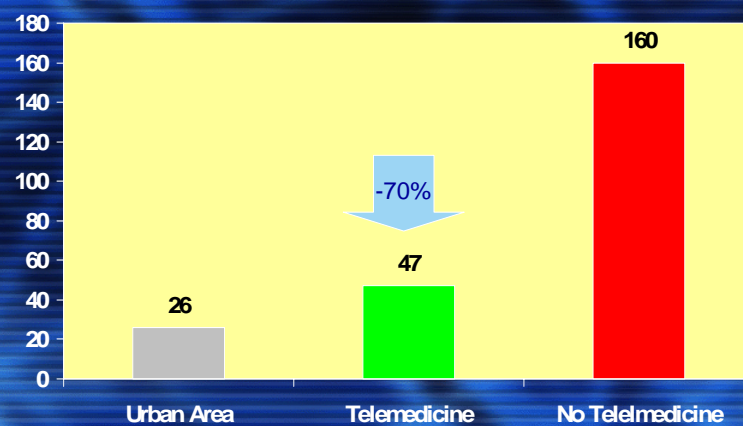


Time between hospital admission and neurosurgical consultation



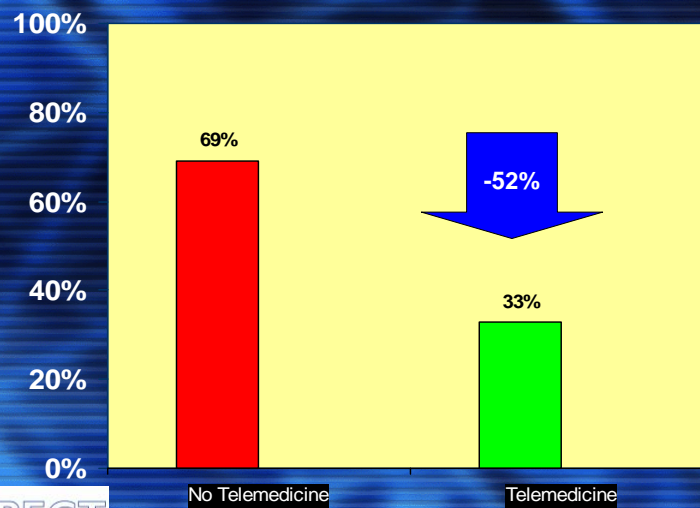
RESPECT

Time to Neurosurgical Evaluation



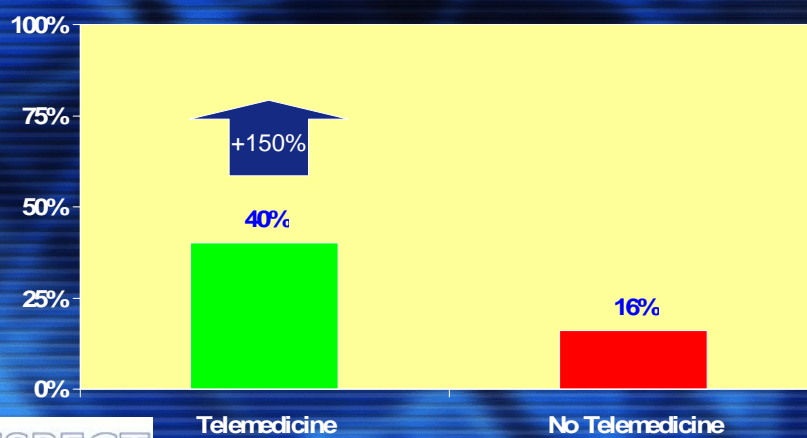
RESPECT

Centralization



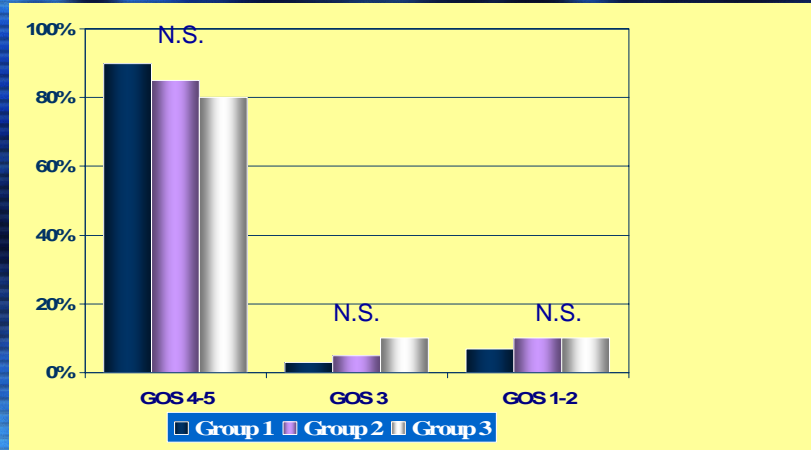
 RESPECT

Centralized Patients who underwent surgery



 RESPECT

OUTCOME



Spontaneous Intracerebral Hemorrhagic Stroke (ICH)

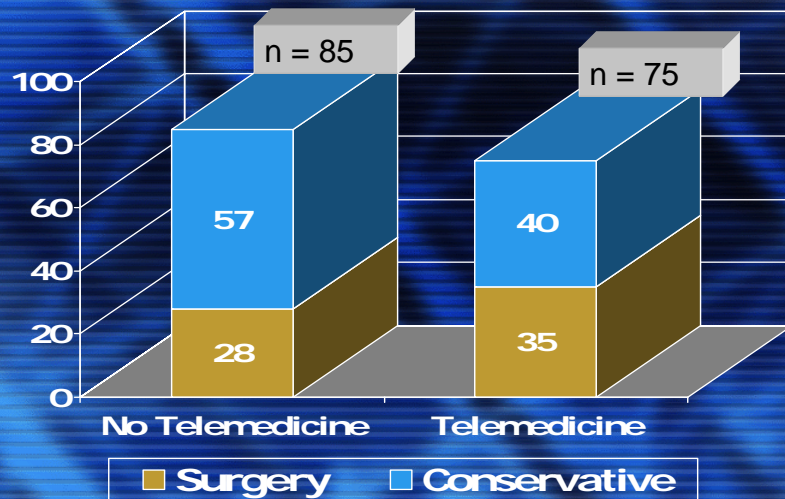
1/7/2002 – 30/6/2003

- n = 85
 - 55 admitted to NCH
 - 30 admitted to ICU
- 28/85 (33%) Surgery
 - 14 admitted to NCH
 - 14 admitted to ICU
- 45/85 (53%) No telemedicine
 - 15 surgery
 - 30 conservative

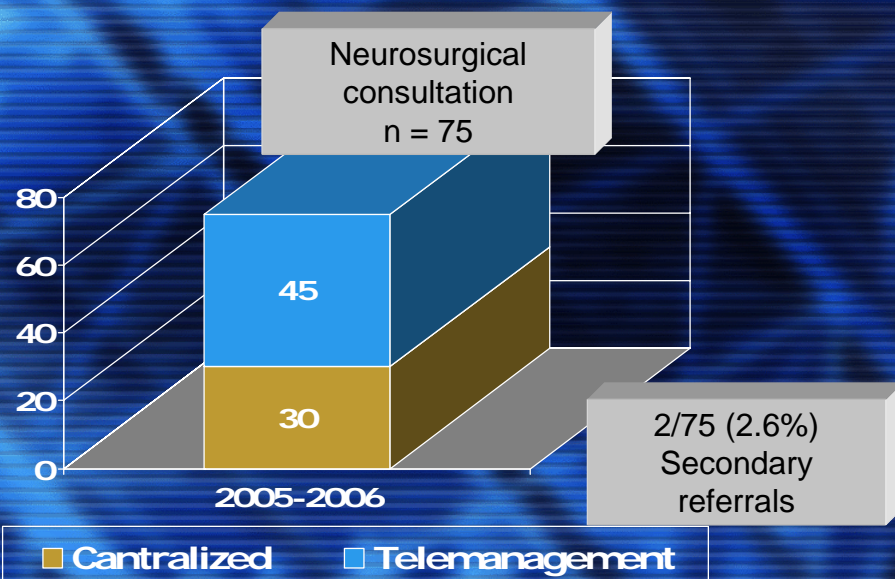
1/7/2005 – 30/6/2006

- n = 75
 - 47 admitted to NCH
 - 28 admitted to ICU
- 35/75 (46.6%) surgery
 - 20 admitted to NCH
 - 15 admitted to ICU
- 30/75 (40%) Telemedicine
 - 22 surgery
 - 8 conservative

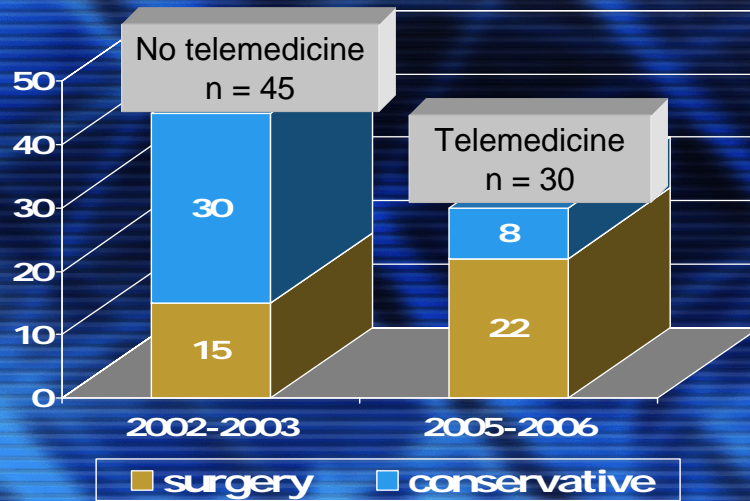
Telemedicine and ICH



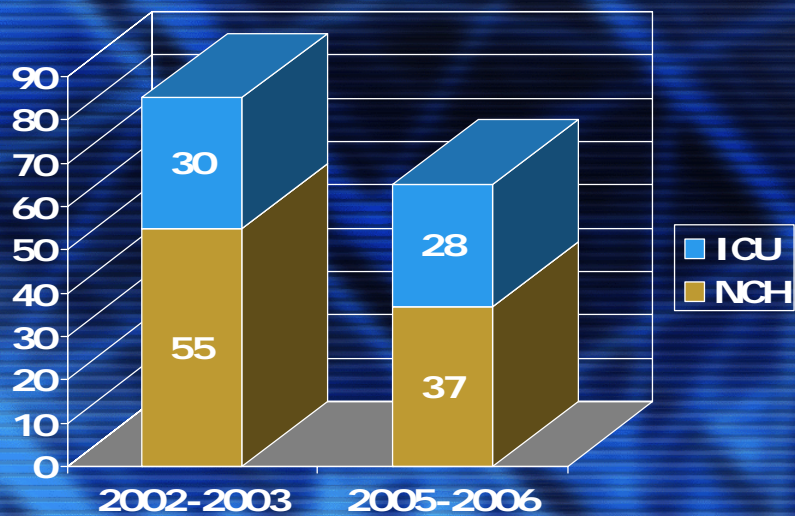
Telemedicine and ICH



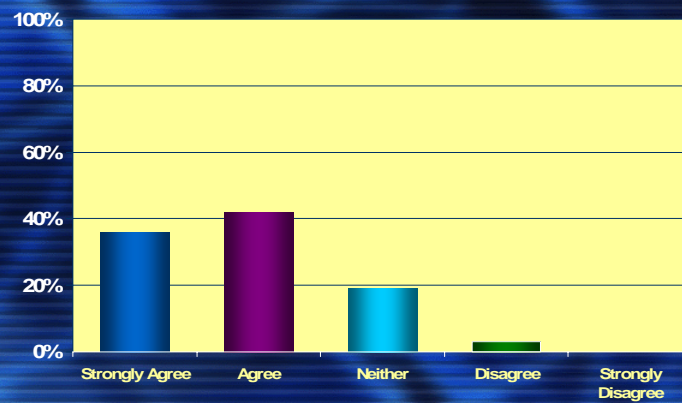
Telemedicine and ICH



Telemedicine and ICH



Does the teleconsulting improve the quality of patient's health care?



2007 Average Daily Number of Teleconsultations: 3.5



Telemedicine contributes to the optimization of resources, overall patient management , and to the diffusion of competence among health system operators.