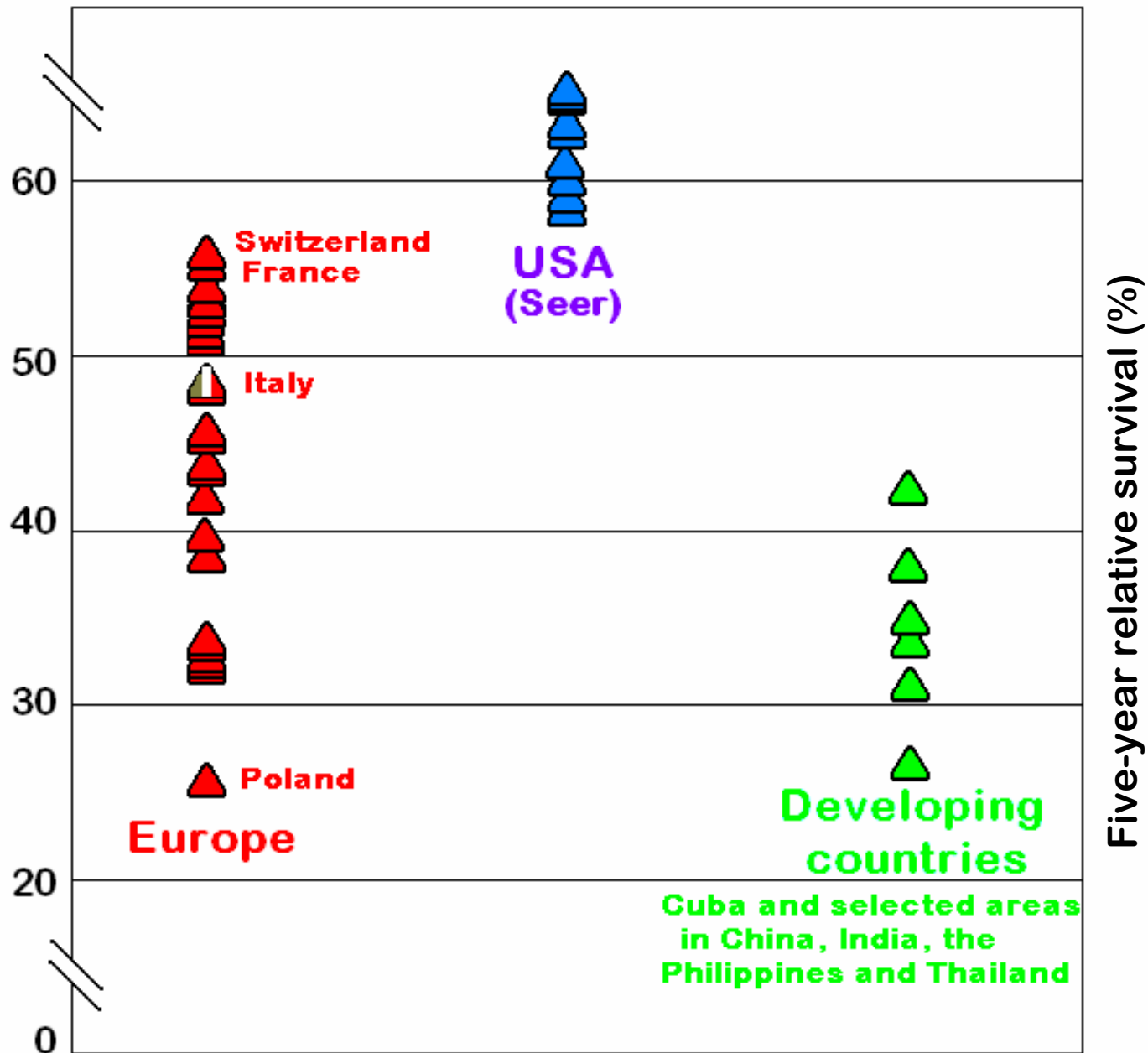


M. Crespi



Colorectal Cancer (Males)



EPICENTRO.ISS.IT

EUROCARE.IT

*Eurocare-3 study
Annals of Oncology
2003 (Suppl. 5) vol. 14*

Important factors to improve compliance to screening

Awareness !!

The data from US, Europe and other countries show substantial differences

Diffusion of CRC screening practice in the US

	% of already screened	Years
Behavioral Risk Factor Surveillance System	FOBT or FS 41 %	1989-95
Lemon S.	55.3 %	1998
Lieberman D.A.	36.6 %	1994-97

Center for Disease Control and Prevention. MMWR Morb Mortal Wkly Rep 1997; 46: 937-941

Lemon S et al. Colorectal Cancer Screening Participation. Am J Public Health 2001; 91: 1264-1272

Lieberman DA et al. Use of colonoscopy to screen asymptomatic adults for CRC. NEJM 2000; 343 (3): 162-8

Compliance to screening tests in average practice (in the real world !!)

- ✓ Population based extent of CRC screening in Ontario (Canada)

<20%

(Rabeneck L. et al. 2004)

- ✓ Participation in colonoscopy population screening in Australia

18.2%

(Scott RG et al. 2004)

Compliance to screening tests in the two Italian studies

- ✓ FOBT / Colonoscopy screening in North/Center/South Italy
(AMOD multicenter RCT in progress)

FOBT	31.8%
CS	8.2%

(Crespi M, Lisi D, et al. 2004)

- ✓ FOBT / Colonoscopy screening in Northern Italy
(SCORE2)

FOBT	29.3%
CS	21.9%

(Segnan N, et al. 2003)



Results UEGF-PAC European Survey

The majority of those surveyed (with wide variations between countries) state that *discussing bowel symptoms* with a doctor is embarrassing

Only half of the population sample knew that there are screening tests available, but they were willing to undergo screening if it was free of charge, but *test* is considered unpleasant and possibly dangerous.

Miss rate of right sided CRC by colonoscopy in Ontario in usual clinical practice (1997 – 2001)

CRC patients database: 4920 subjects

Missed cancers: 4% by colonoscopy performed between 6 – 36 months before CRC diagnosis.

(Byrd RL 1989: missed lesions: 3%)

CRC cannot be completely eliminated even with very intensive screening

IMPROVE QUALITY OF CS

Implementation of CRC screening in Italy: an update

National Law 138/2004

- Acknowledges the **EU directive** for cancer screenings and introduces for the first time the right for all citizens to get oncological screening free of charge
- Allocates **€ 52million** for 3y to implement screening of CRC and to further support cervical and breast cancer screening

80% to **Regions** for actions

10% **central management**

10% for **research project** aimed at improving screening quality