

FIRENZE
29 NOVEMBRE-1 DICEMBRE 2016
CENTRO CONGRESSI



Lucia Mangone

L'epidemiologia dei tumori: cosa cambia

Di cosa parliamo?

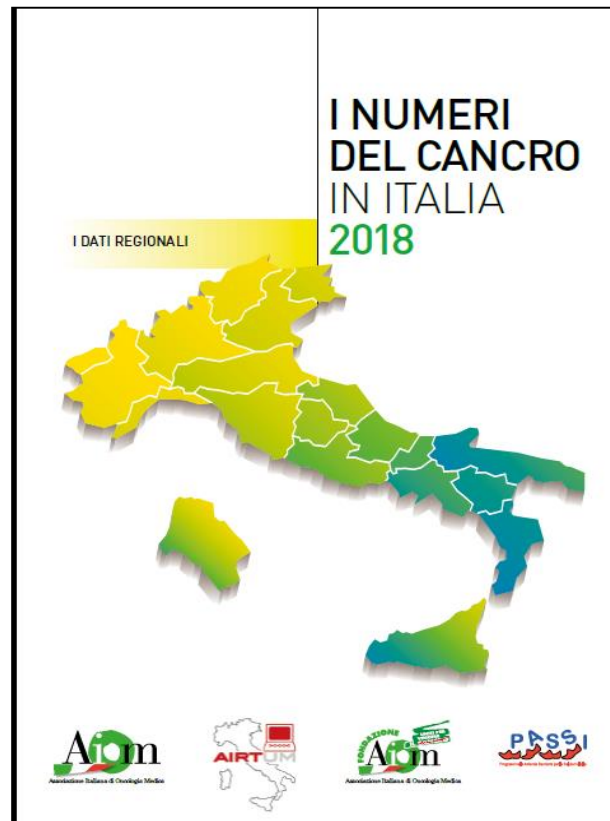
Incidenza

Sopravvivenza

Impatto

Il futuro

Qualche riflessione



Incidenza



**Nel 2018 in Italia stimati
373.000 nuovi casi**

...e oltre 178.000 decessi (Istat 2015)

Le 5 neoplasie più frequenti

	maschi			femmine		
	0-49	50-69	70+	0-49	50-69	70+
1°	testicolo	prostata	prostata	mammella	mammella	mammella
2°	melanomi	polmone	polmone	tiroide	colon	colon
3°	tiroide	colon	colon	melanomi	polmone	polmone
4°	LNH	vescica	vescica	colon	utero	pancreas
5°	colon	VADS	stomaco	cervice	tiroide	stomaco

Mammella

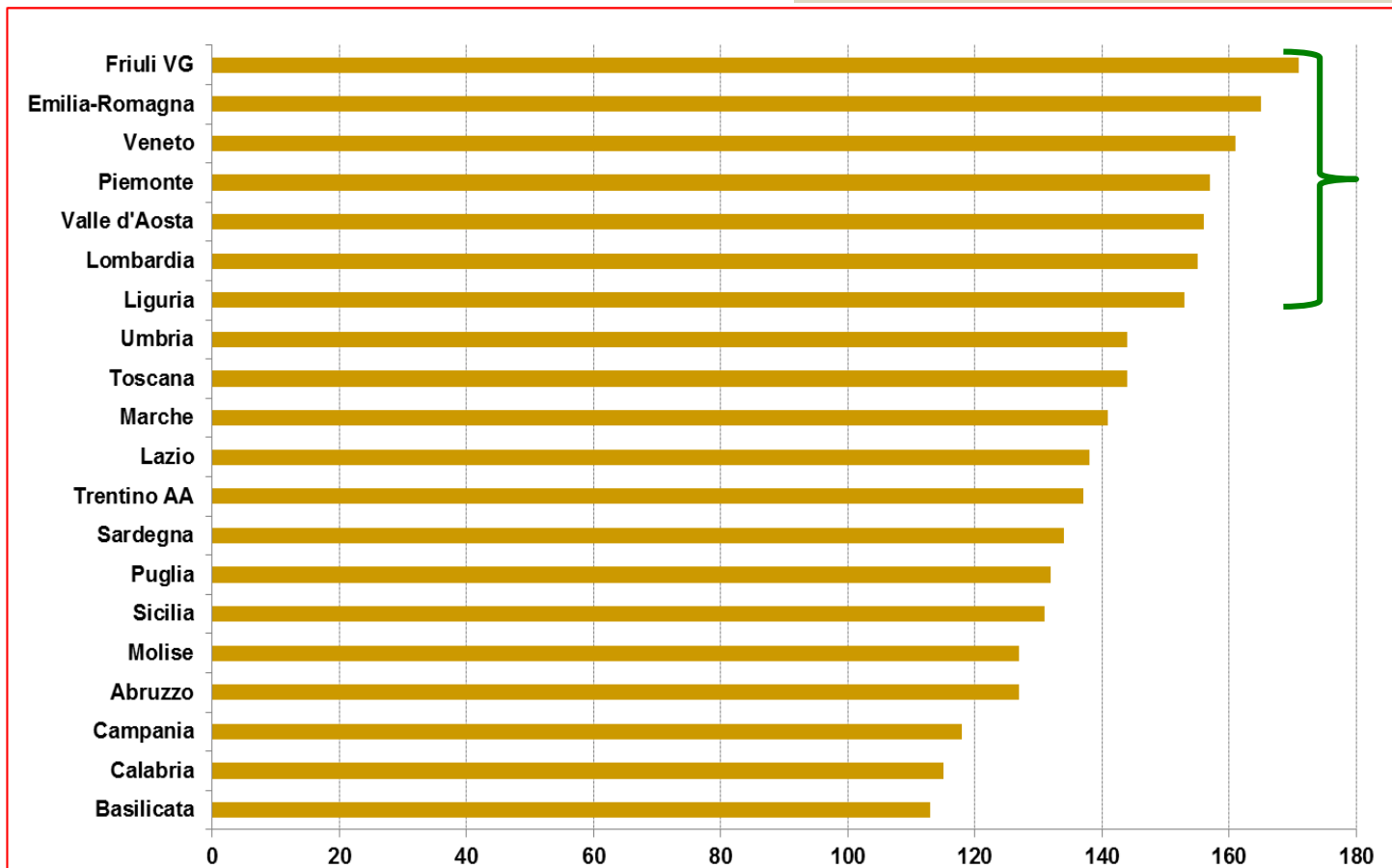


Ogni anno in Italia
52.300
nuovi casi

...e **12.000** decessi

Mammella

Anni 2008-2013. Trend per regione



Fattori di rischio

Fattori NON modificabili	Fattori modificabili
<p>Età</p> <p>Menarca precoce</p> <p>Menopausa tardiva</p> <p>Ereditarietà</p>	<p>Nulliparità</p> <p>Gravidanze >30 anni</p> <p>No allattamento</p> <p>Terapia ormonale sostitutiva</p> <p>Eccesso alcool</p> <p>Eccesso grassi animali</p>

Fattori di rischio

alcool



sovrappeso



PASSI 2012-2016

Adesione allo screening

Mammella	Colon-retto	Cervice
Trentino 75% Emilia Romagna 73% Toscana 71% ...	Emilia-Romagna 65% Valle d'Aosta 64% Lombardia 59% ...	Valle d'Aosta 73% Toscana 65% Emilia Romagna 63% ...
Sicilia 34% Puglia, Calabria 28% Campania 21%	Campania 10% Calabria, Sicilia 8% Puglia 6%	Campania 21% Lombardia 20%* Liguria 14%

Colon-retto

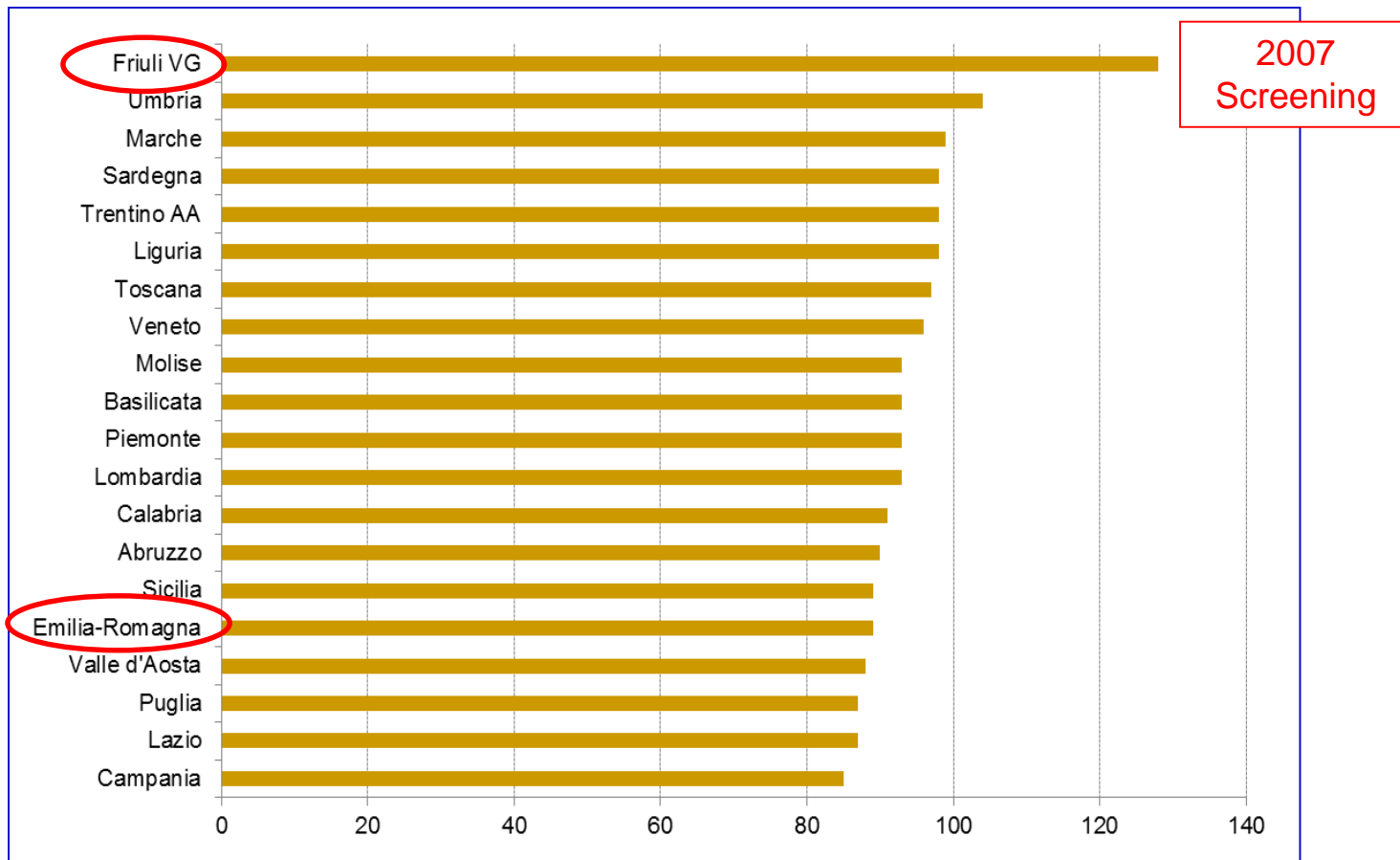


Ogni anno in Italia
51.300
nuovi casi

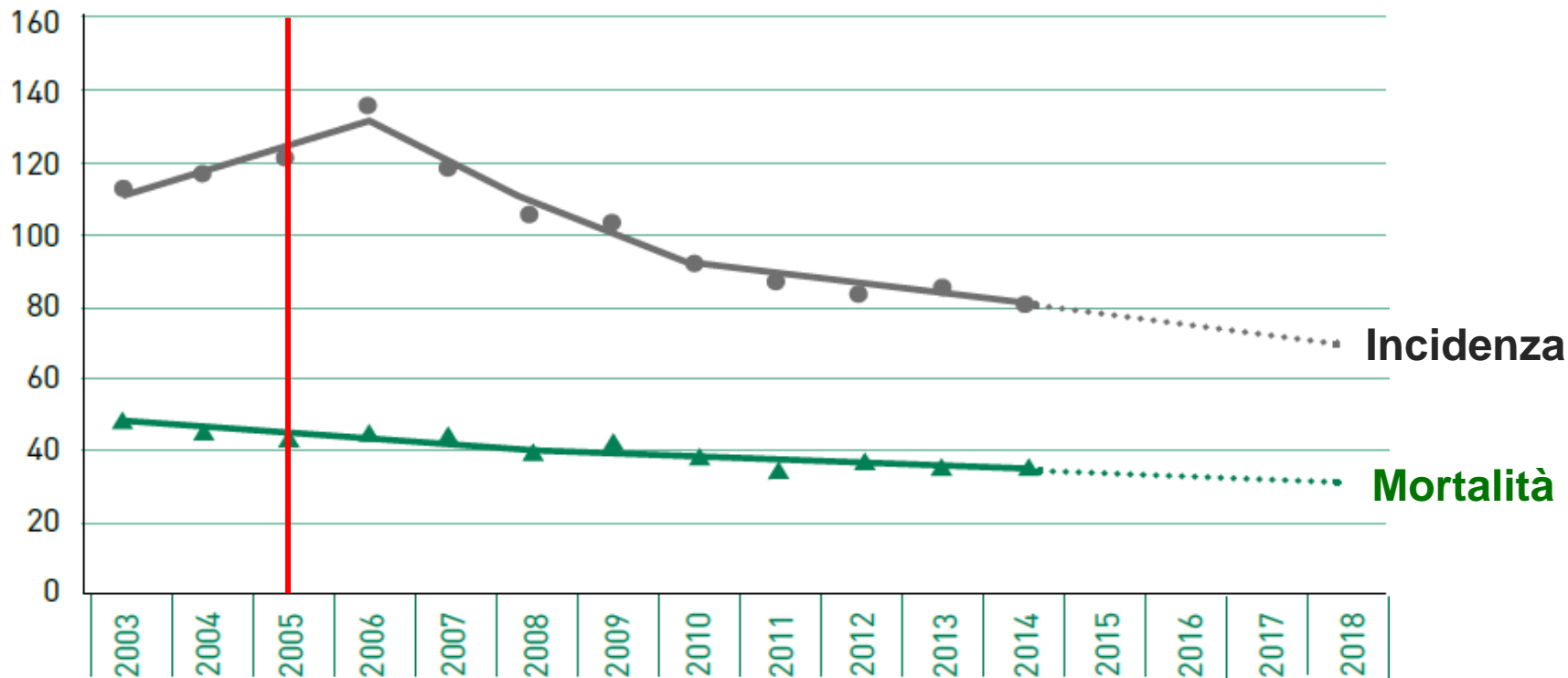
...e **19.000** decessi

Colon-retto

Anni 2008-2013. Trend per regione



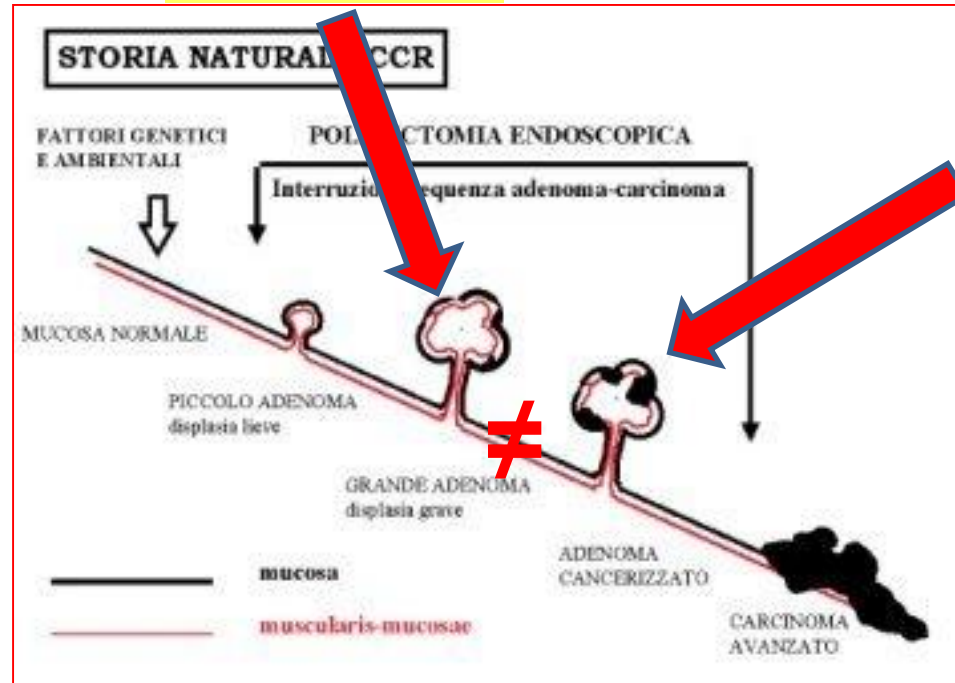
Colon-retto E-R



Screening

Riduzione
incidenza

Riduzione
mortalità



Cervice



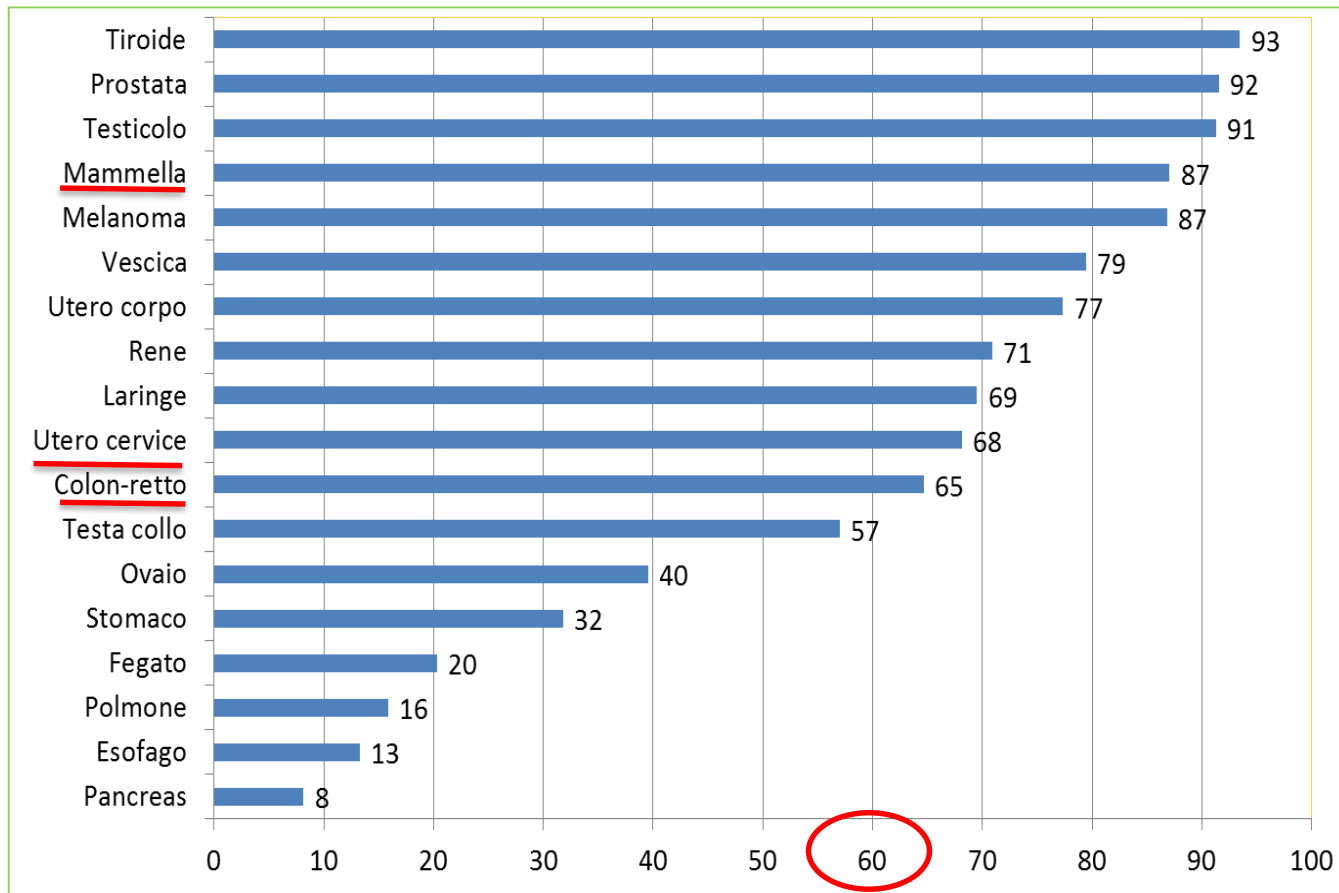
Ogni anno in Italia
2400
nuovi casi

...e **435** decessi

A hand is shown holding a single, bright yellow leaf against a background of a bright blue sky with soft, white clouds. The sun is visible behind the leaf, creating a strong backlight effect and a lens flare. The word "Sopravvivenza" is written in a bold, blue, sans-serif font across the center of the image.

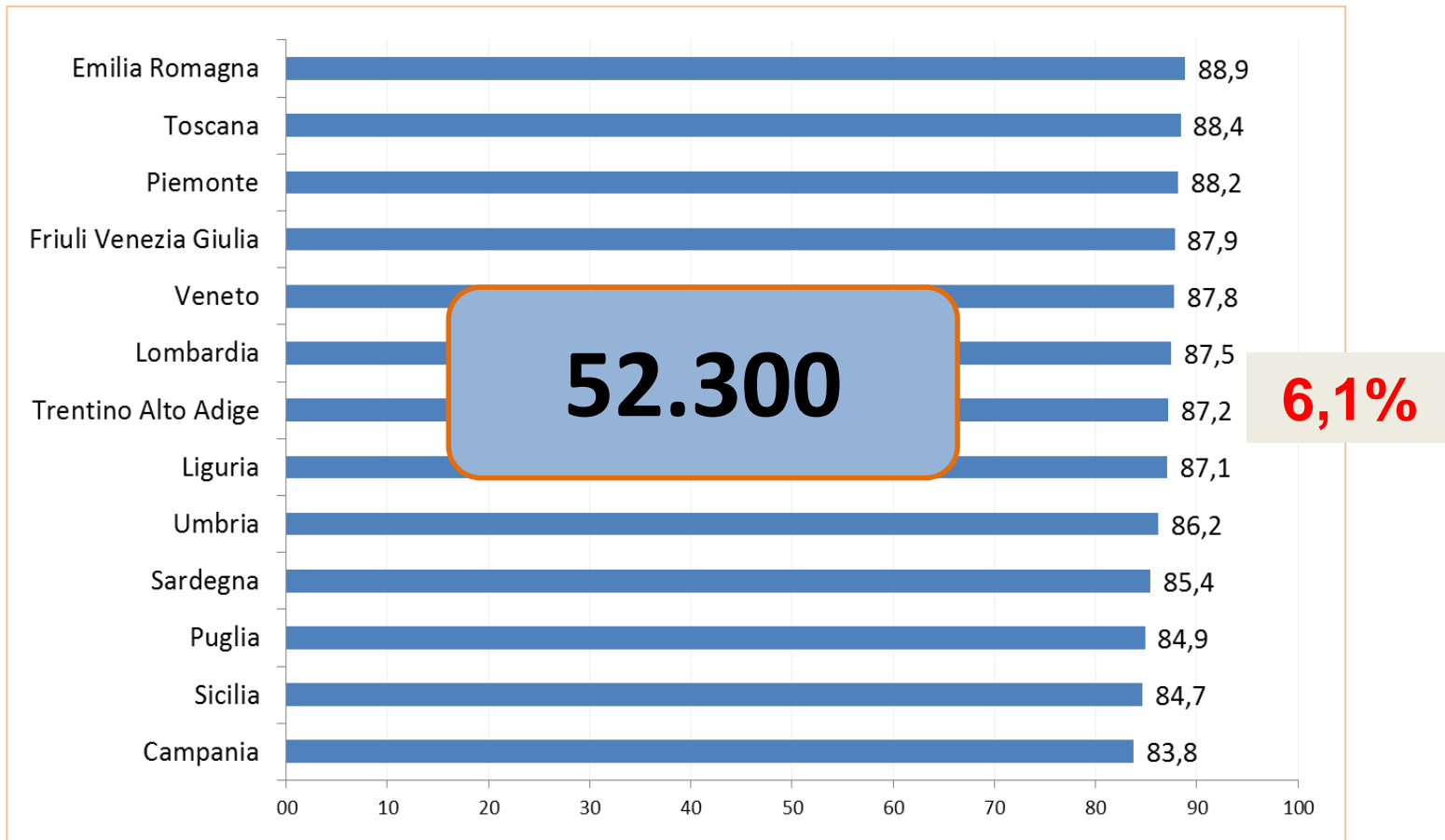
Sopravvivenza

Sopravvivenza per sede



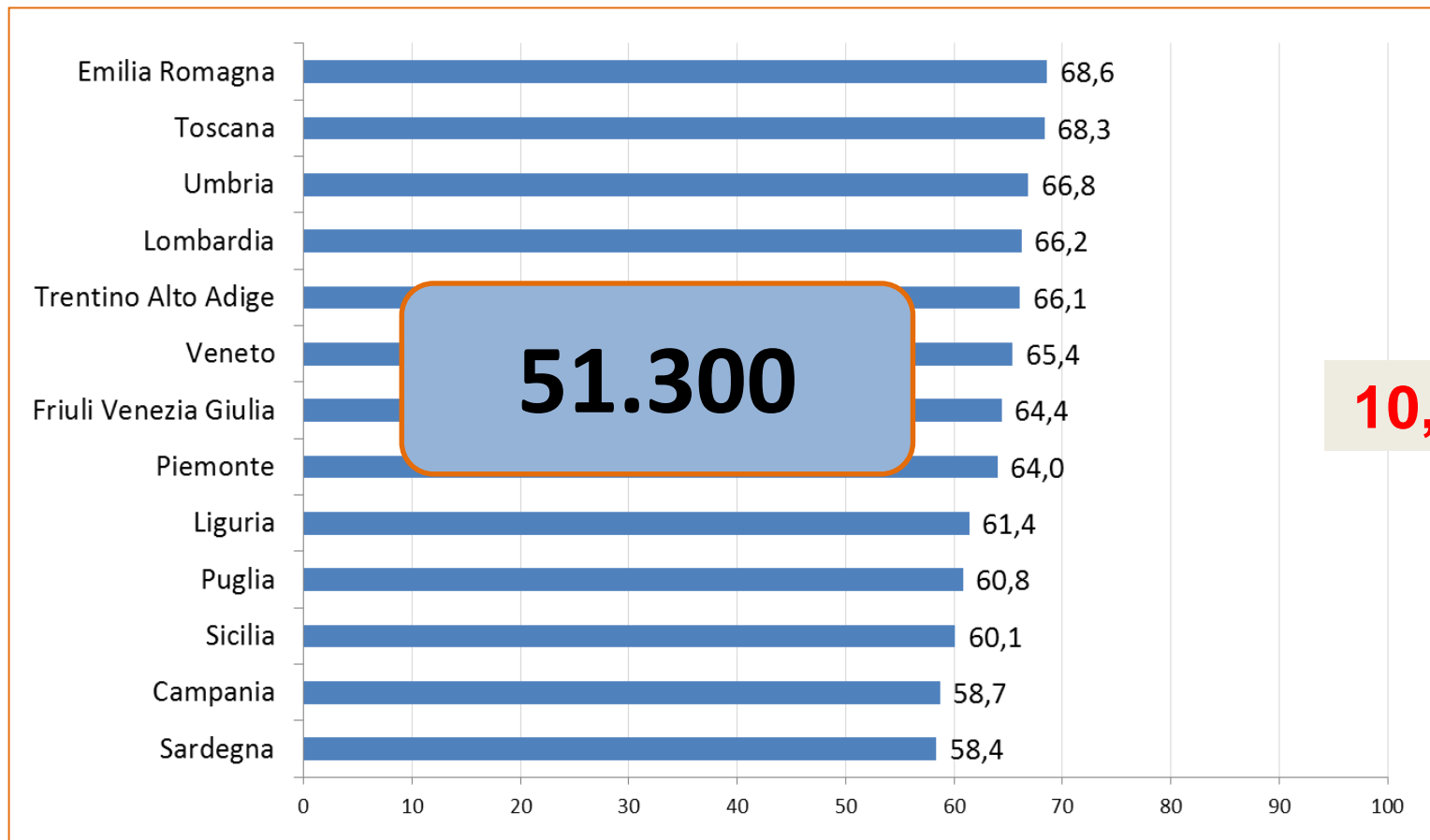
Sopravvivenza per regione

Mammella



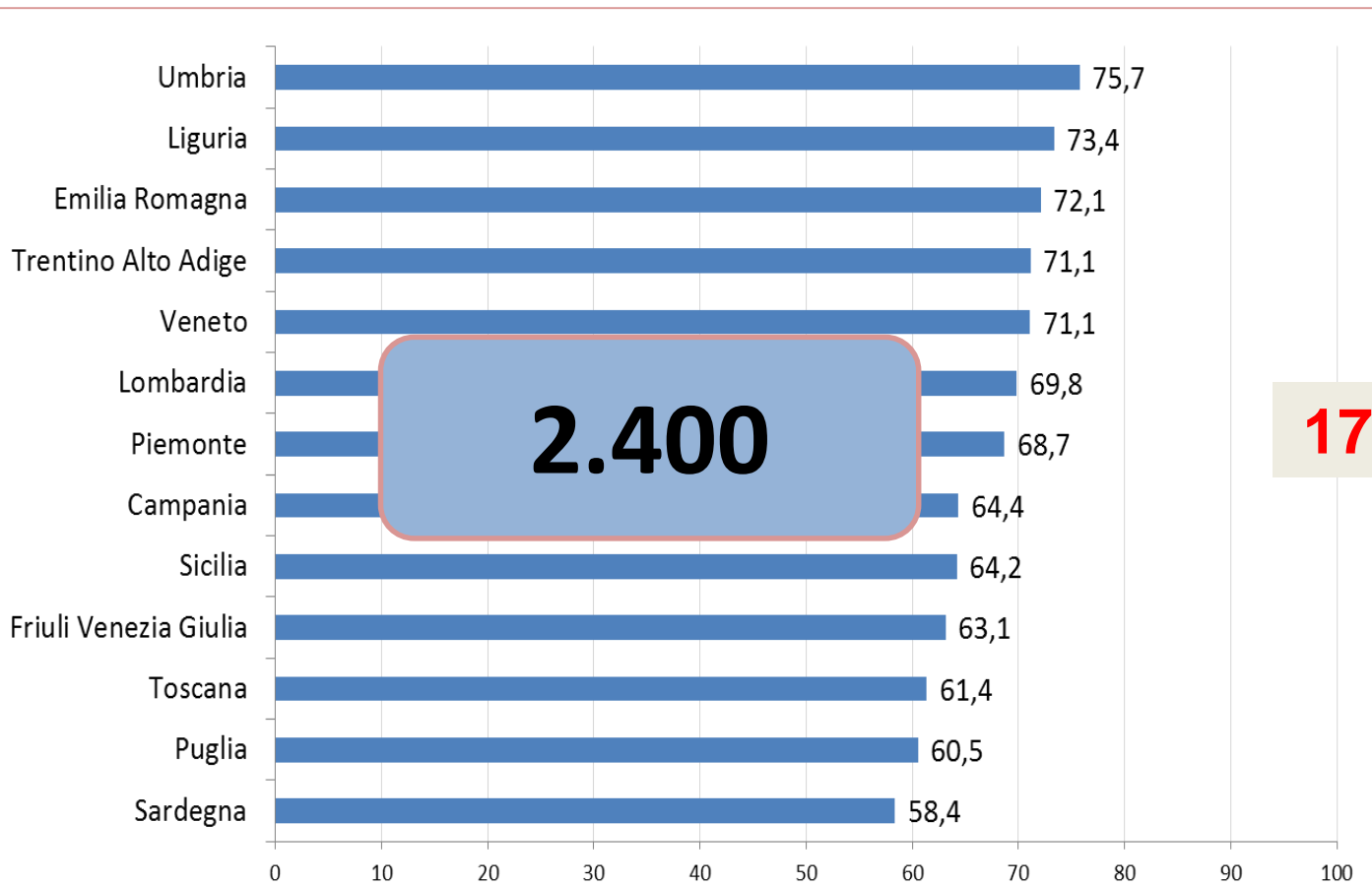
Sopravvivenza per regione

Colon-retto



Sopravvivenza per regione

Cervice



A hand holding a yellow leaf against a blue sky with clouds.

Impatto screening

Che cos'è uno screening?

Intervento di sanità pubblica

Popolazione *apparentemente* sana

Individuare precocemente neoplasia



Riduzione mortalità

Mammella

1750 casi e 7000 controlli

Emilia R, Piemonte, Toscana, Umbria, Veneto

Non invitare 1

Invitare OR 0.75 (0.62-0.92)

Mortalità <25%

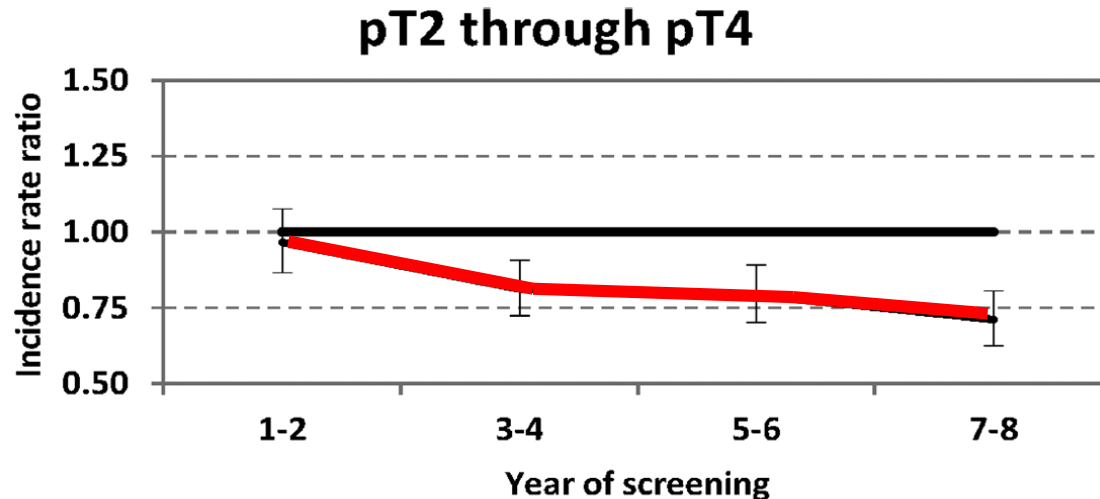
Unscreened 1

Screened OR 0.50 (0.42-0.60)

Mortalità <50%

Mammella

5.000 tumori prima e 14.400 dopo screening
13 RT (700 Comuni)



Colon-retto

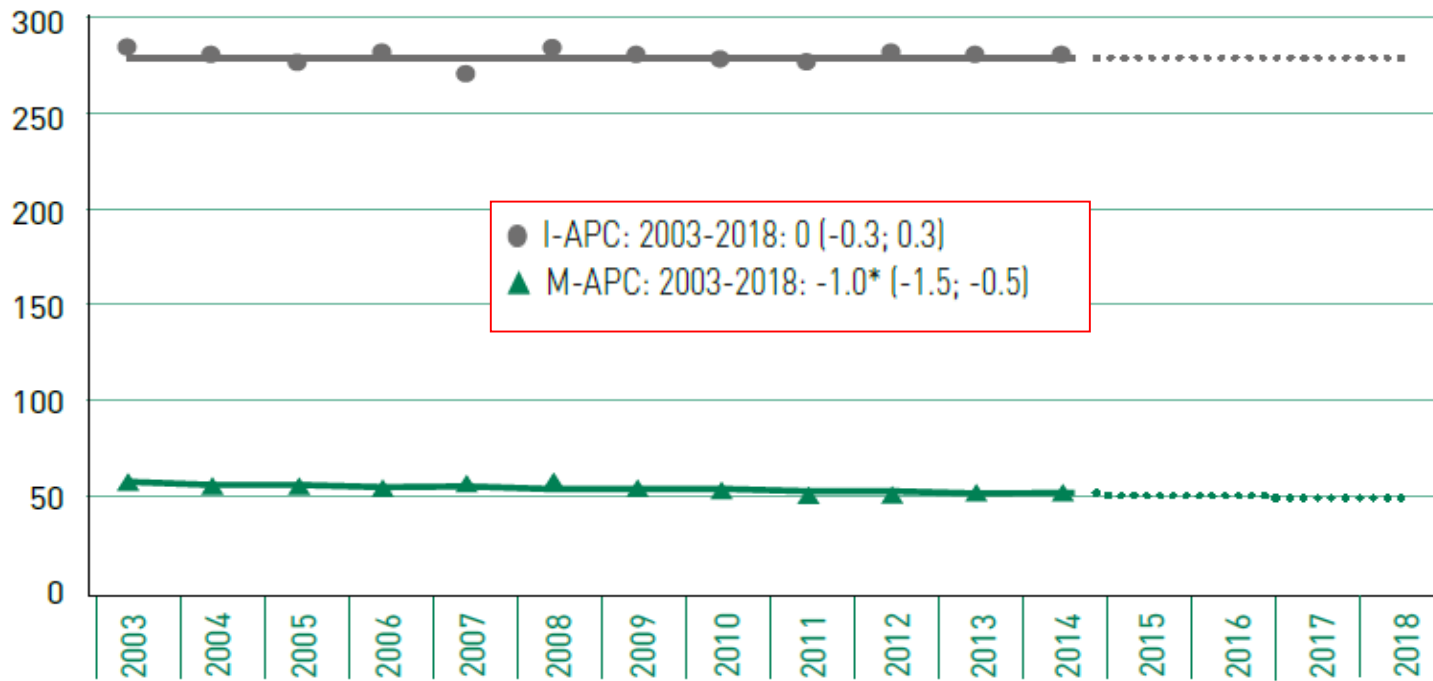
	Centro-Nord 2000-05	Centro-Nord 2006-08		Sud e isole 2000-08
	Pre-screening	Post-screening		No-screening
		Screen detected	Non screen detected	
Genere M	59%	62%	60%	58%
Età 65-69	38%	42%	38%	37%
Sede Distale	38%	51%	36%	30%
Grading 1	10%	20%	9%	6%
Stadio I IV	16% 29%	43% 6%	17% 20%	14% 21%

A hand is shown holding a single, bright yellow leaf. The leaf is positioned in front of a bright, sunlit sky with soft, white clouds. The sun's glow creates a lens flare effect behind the leaf. The overall image has a hopeful and optimistic feel.

E per il futuro?

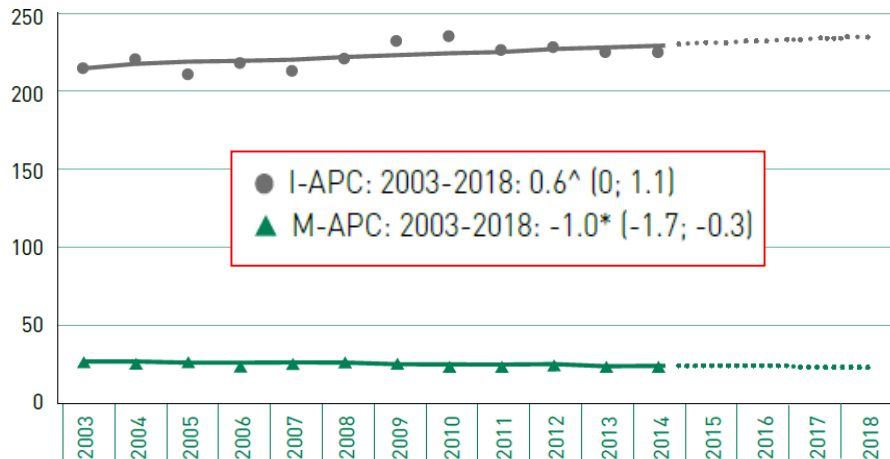
Mammella

50-69 anni

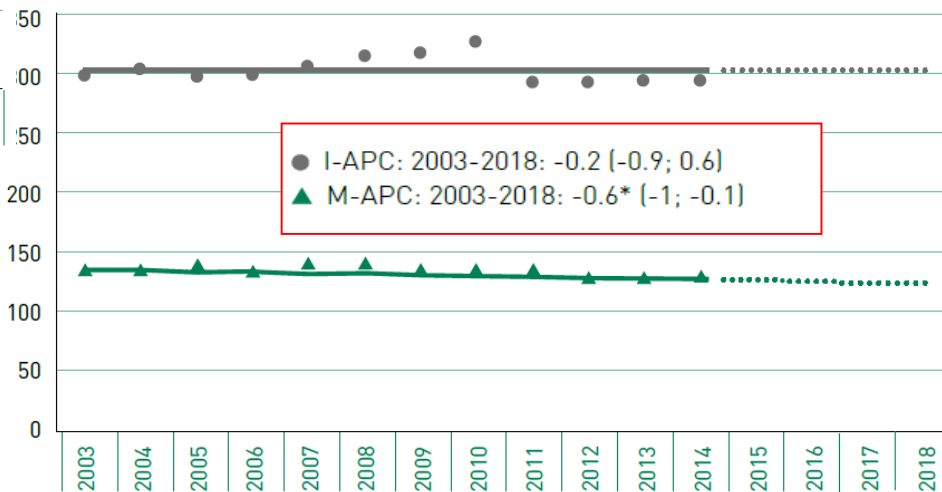


Mammella

45-49 anni

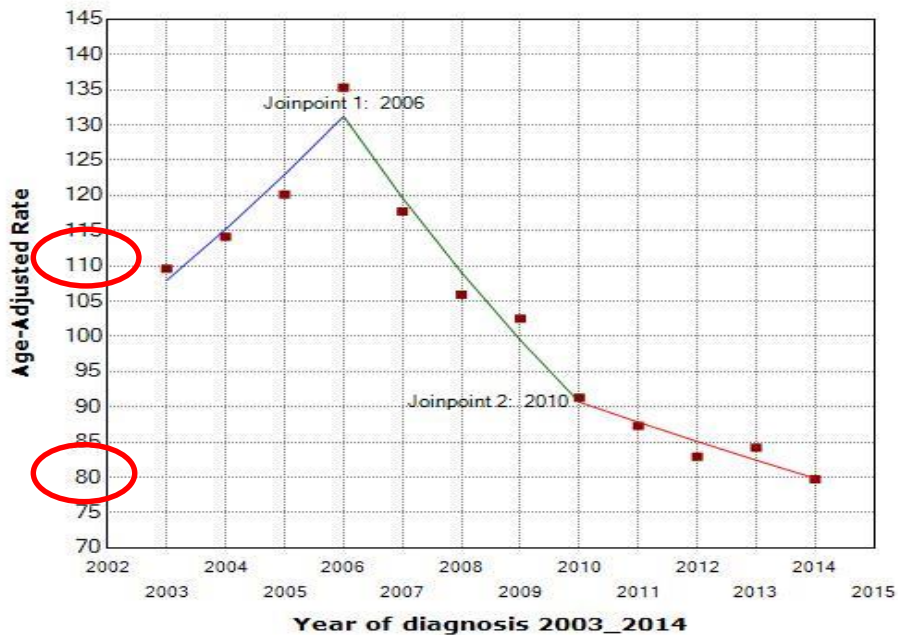


70+ anni

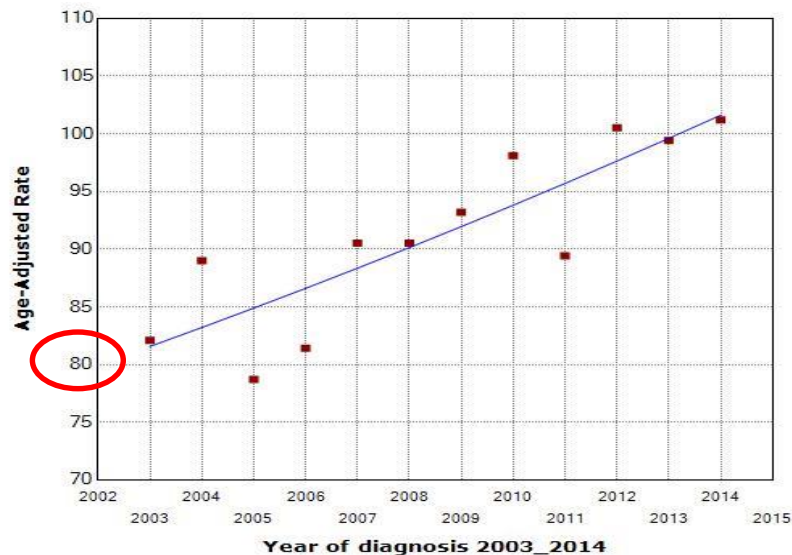


Colon-retto

Emilia-Romagna



Sardegna

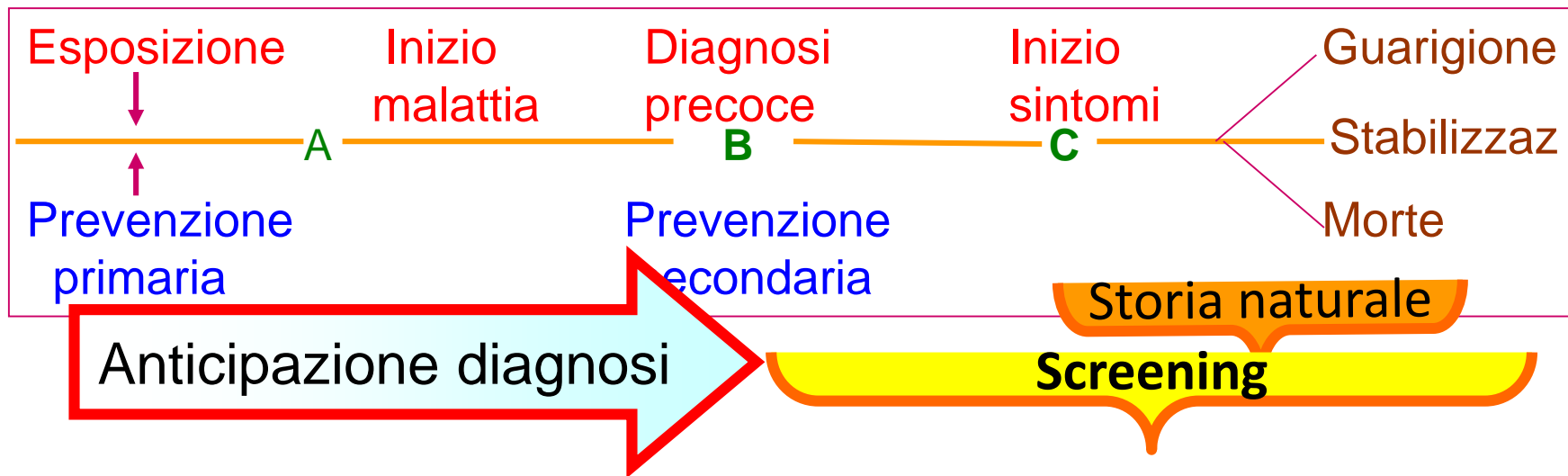


Screening



Lead-time bias

Fasi della malattia



Selection bias

partecipano più...

- giovani
- sensibili
- motivati
- istruiti
- italiani



Over-diagnosi

tante diagnosi di ...

- **In situ della mammella**
- **Adenomi del colon**
- **Displasie della cervice**

Over-treatment

Reggio Emilia, 2017

10 tumori infiltranti
256 in situ

cervice

521 tumori infiltranti
92 in situ

mammella

Burden disease

mammella

	nuove diagnosi	vive	già guarite	si aspetta guarigione
Toscana	3.200	42.000	6.700	22.000
...				

A hand holding a yellow leaf against a blue sky with clouds.

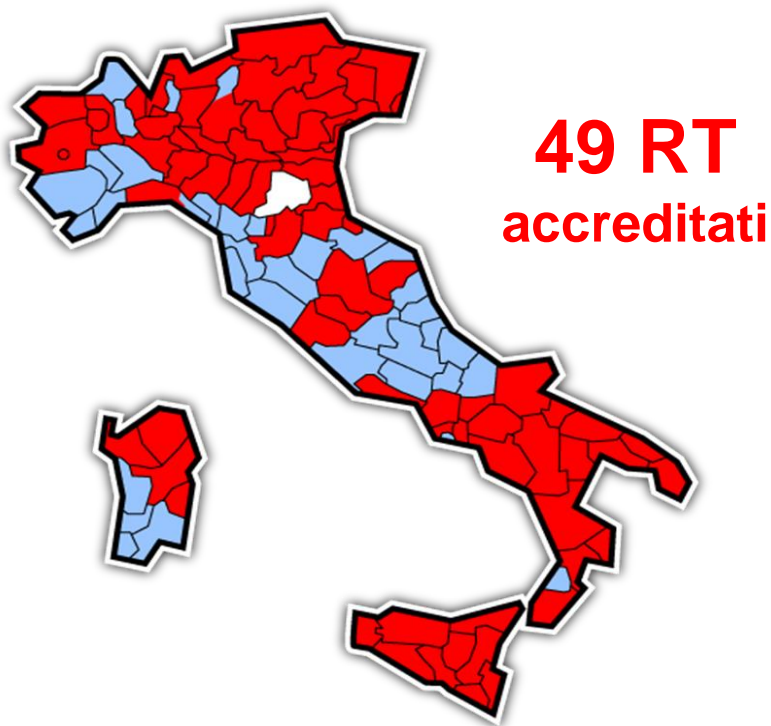
Qualche riflessione

Registri Tumori

Dati

Informazioni

Azioni

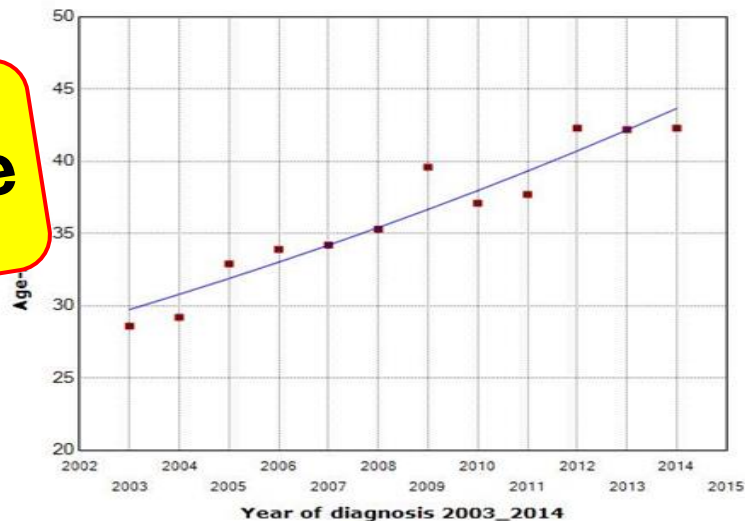


Polmone E-R

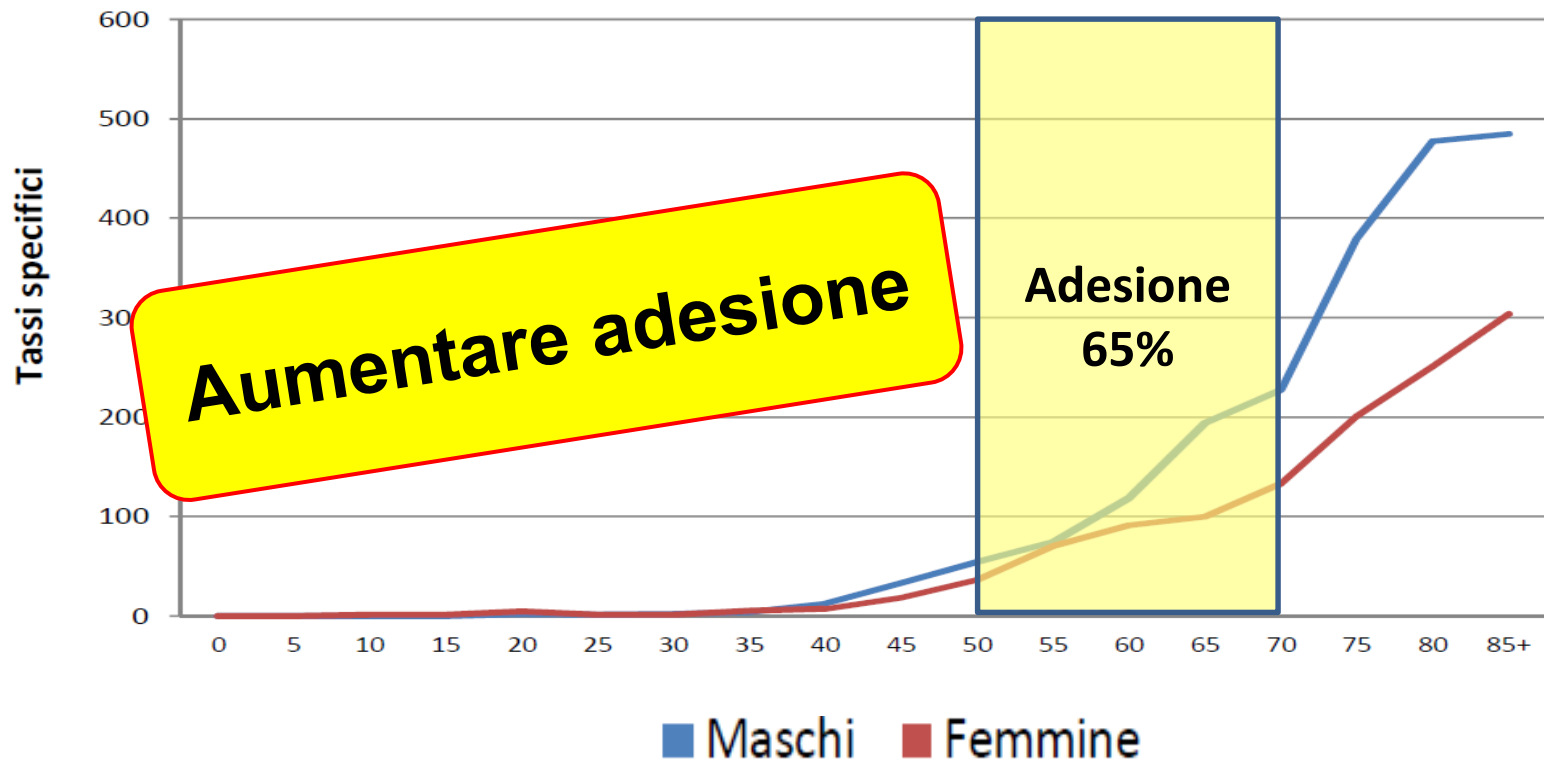
maschi



femmine



Colon-retto

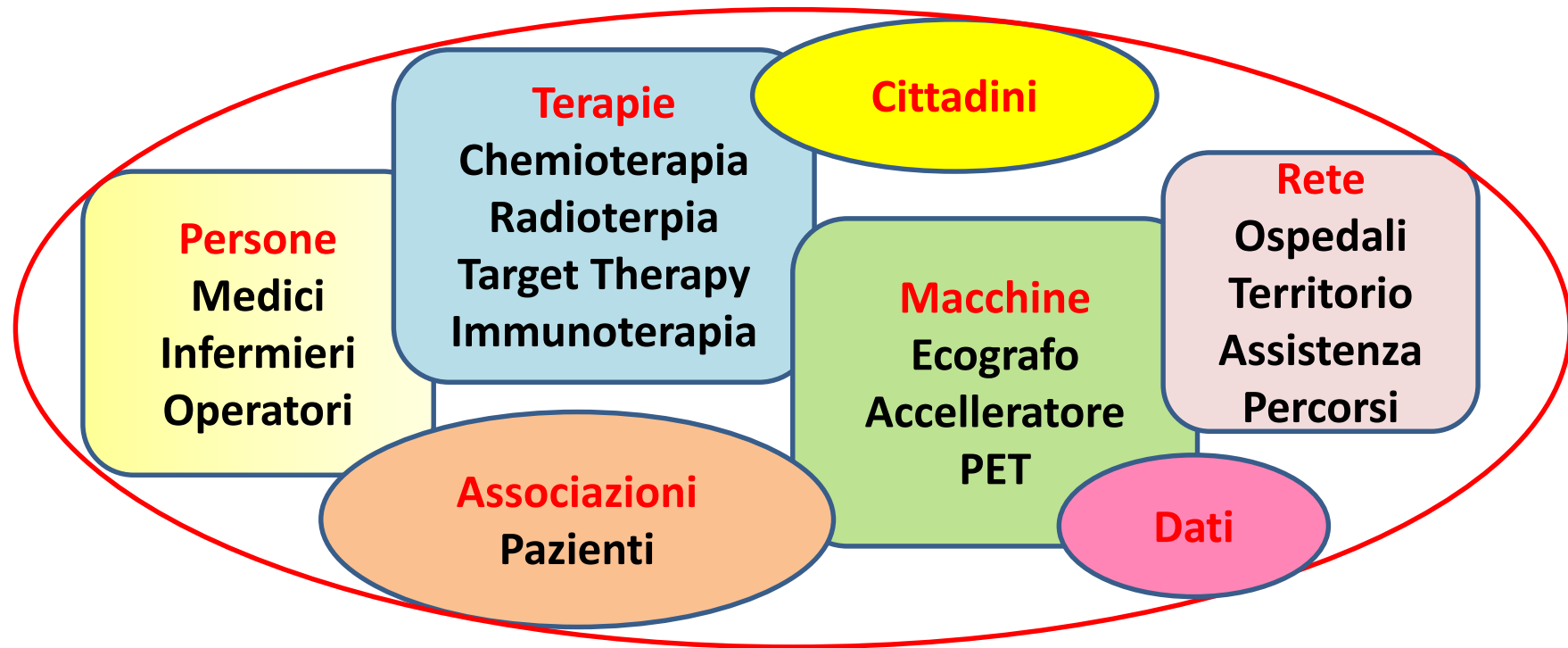


Sopravvivenza per RT

mammella



Lavoro di squadra



grazie