



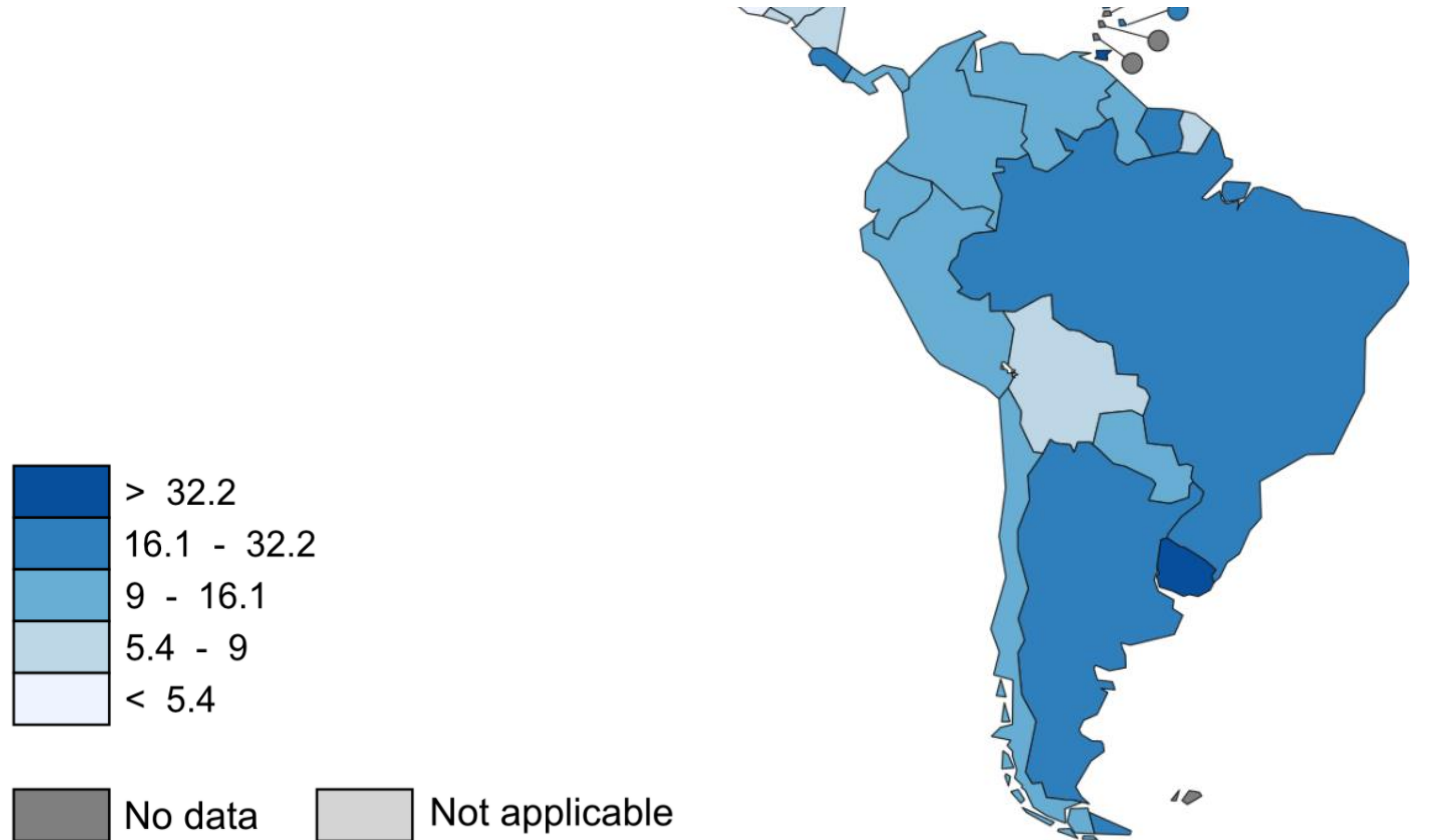
Cancer Care Ontario

Screening for Colorectal Cancer: Global Vision

Linda Rabeneck MD MPH

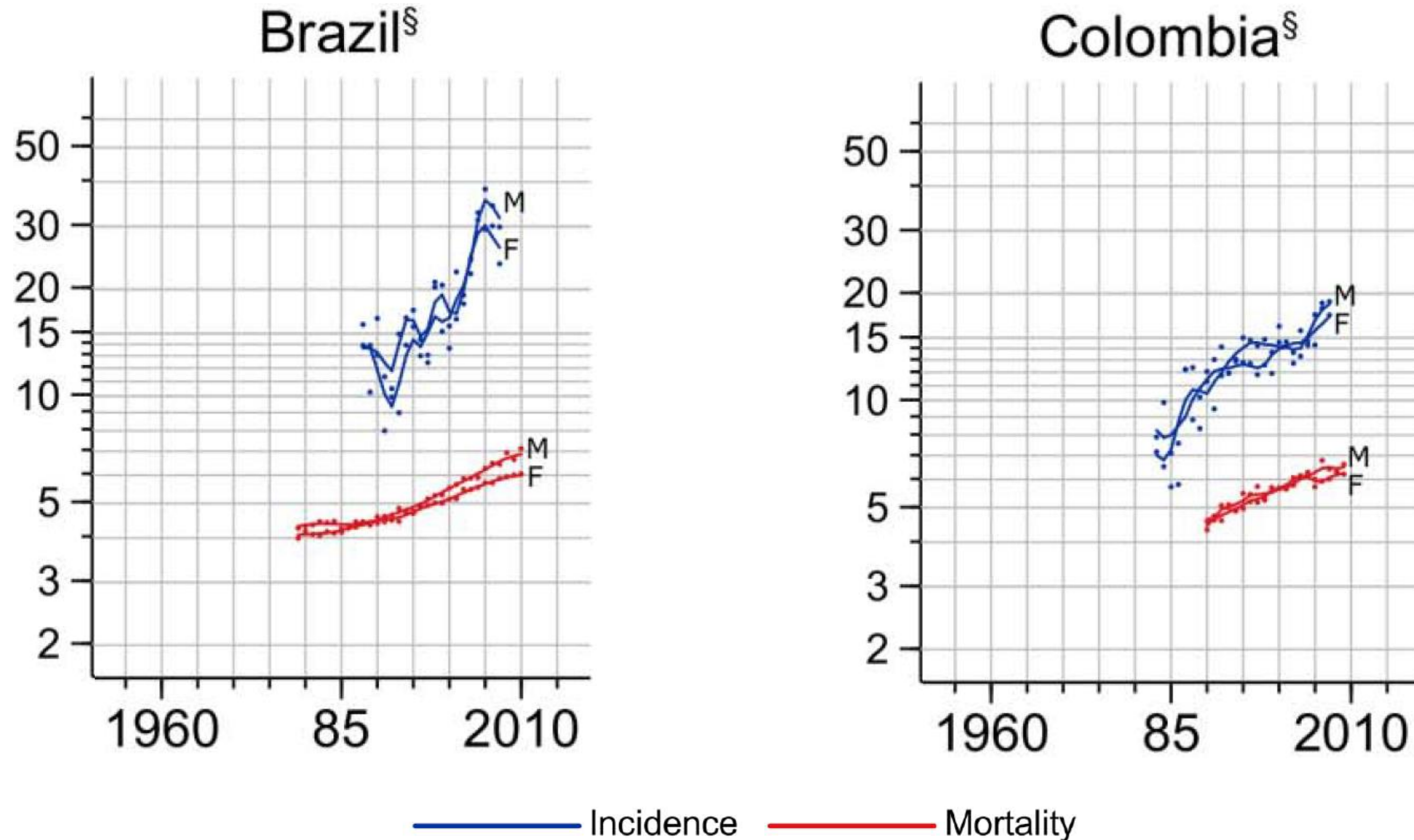
Global Public Health Issue

Colorectal Cancer Incidence: South America (both sexes, per 100,000)



GLOBOCAN 2012 (IARC)

CRC Incidence and Mortality (males and females, per 100,000)

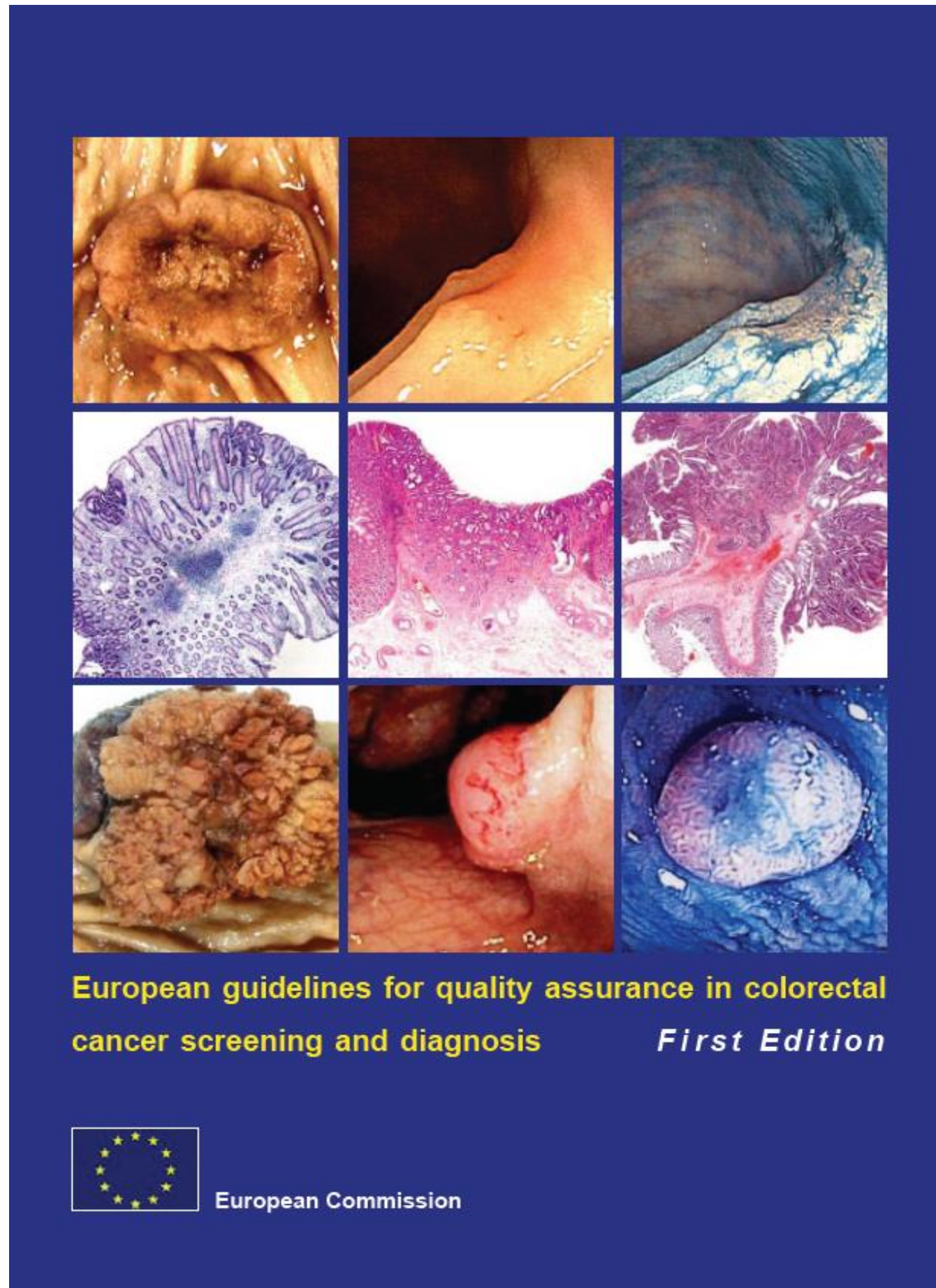


§Regional data

Arnold M, et al. Gut 2017;66:683–691.

Opportunistic vs Organized Screening?

European Guidelines



IARC, 2010

Organized Screening Program

- Defined target population
 - Invitations to screen
 - Timely access
 - Quality assurance
 - Tracking of outcomes
-



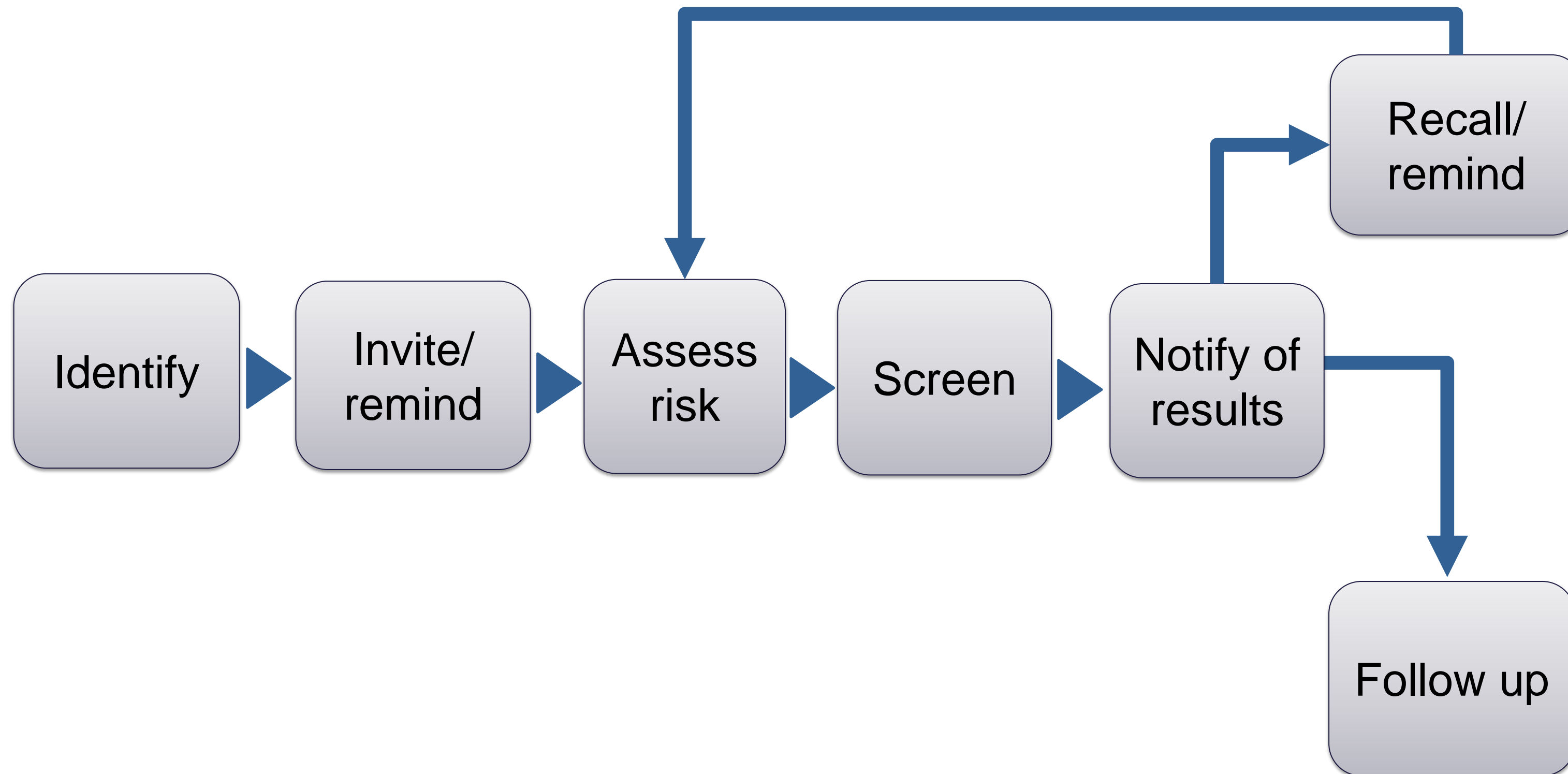
International Agency for Research on Cancer

Centre International de Recherche sur le Cancer

Organized Screening Program

- Greater protection against harms
 - Over-screening
 - Poor quality
 - Poor follow-up
 - Complications

Screening is a Process



How Long Does it Take?

- >10 yrs to plan, pilot and implement CRC screening program
- Additional yrs before full impact of the program can be measured

V Karsa L et al. Best Practice & Research Clin Gastro 2010;24:381-96.



Toronto
Pearson
Airport

When to Start Screening?

Proposed Strategies

- CRC incidence $>30/100,000$
- Resource level



Rabeneck L et al. DCP-3. 2015;Vol 6:101-19.

Health Policy

- A major determinant
- How is health care is funded, organized and delivered?
- Publicly funded, universal access, single payer?

Moving Forward

- Establish/adopt guidelines
- Consider a pilot
- Selected urban region(s)
- Test the steps in the process
- Colonoscopy quality
- Expand

WEO CRC Screening Cte



- Regional Meetings (2017)

- NA (DDW, Chicago)

- Asia-Pacific (APDW, Hong Kong)

- Europe (UEGW, Barcelona)

- Latin America (SBAD, Brasilia)

WEO CRC Screening Cte



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Summary

- Global public health issue
- When to start screening
- Moving forward

Obrigada

