Current trends in colorectal cancer epidemiology in the Slovak Republic

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Europe*

Incidence and mortality (estimations, 2012)

Males and females

Europe*

Incidence and mortality trends (1970-2007)

Both sexes

*Regional data
NORDCAN (www.anncr.nu)
ECO (eco.iarc.fr)
England: www.ons.gov.uk

Slovak Republic

Incidence, Mortality and Estimates

Males

Rate per 100,000

* p<0.05; ** p<0.01; *** p<0.0001
Slovak and Czech Republic
Incidence, Mortality and Estimates
Males

Incidence (SR)  Mortality (SR)  Incidence (CR)  Mortality (CR)  Joinpoint Regression

* p<0.05; ** p<0.01; *** p<0.0001
Slovak Republic
Incidence, Mortality and Estimates
Females

Rate per 100,000

Year


* p<0.05; ** p<0.01; *** p<0.0001
Slovak and Czech Republic
Incidence, Mortality and Estimates
Females

Rate per 100,000

Year

* p<0.05; ** p<0.01; *** p<0.0001
Slovak and Czech Republic

Average age estimations at diagnosis, age-specified incidence

Males and females

- **Estimated average age**
- **Year**:
  - 1978 - 1982
  - 1983 - 1987
  - 1988 - 1992
  - 1993 - 1997
  - 1998 - 2002
  - 2003 - 2007

- **Incidence**
  - **Males**
  - **Females**
Trends in clinical stages
Slovak Republic

Males

Females
Screening

2002 – law on free of charge FOBT
2009 – law on free of charge preventive colonoscopies for people over 50 years old
2012 – guidelines of MH SR on opportunistic screening of colorectal cancer
  - FOBT every 2 years
  - Primary screening colonoscopy every 10 years
  - Data on FOBT are collected only in health insurance databases

Missing central calling system for FOBT

2013 - results:
  - Only from preventive colonoscopies
  - Participation – cca 10% of risk population
  - Prevalence: 29.3% adenomas, 8.4% hyperplastic colon polyps, 3.2% colorectal carcinoma (from that 4.5% familiar colorectal carcinoma)