

INFECTIVE ENDOCARDITIS: is the incidence rate increasing in patients with prosthetic heart valves?

DESIGN



Retrospective nationwide-study in DK:1999-2018



Using validated Danish health-care registries 30,518 persons were identified, who underwent heart valve implantation



The total population =26,604

RESULTS



- 1,442 (5.4%) cases of first time IE

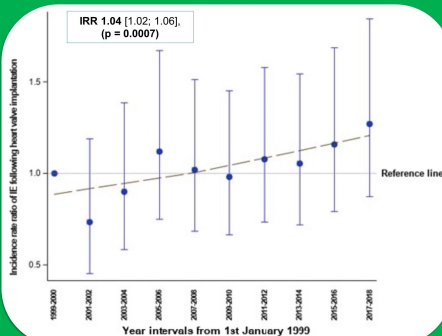


- median age: 71.7 years at the time of implantation (63.1% men)



- median follow-up:5.4 years.

- The adjusted incidence rate ratio was 1.04 [95% CI: 1.02; 1.06] per two-year interval ($p = 0.0007$).



CONCLUSION

YES!

1. The incidence rate of IE following prosthetic heart valve implantation has increased over the last 20 years in Denmark.
2. The increase is irrespective of age and gender.

