



NATIONAL OVERVÅGNING AF S. AUREUS BAKTERIÆMIER (SAB)

Andreas Petersen
Afsnitsleder

Resistens og typning

RAR - Referencelaboratoriet for Antibiotikaresistens

- ❖ Start 1957
- ❖ Frivillig indsendelse fra KMA
- ❖ > 50.000 isolater modtaget og gemt
- ❖ Tilhørende epi-kriser – fra 2010 data fra Landspatientregistret
- ❖ I laboratoriet
 - Typning
 - Resistensbestemmelse



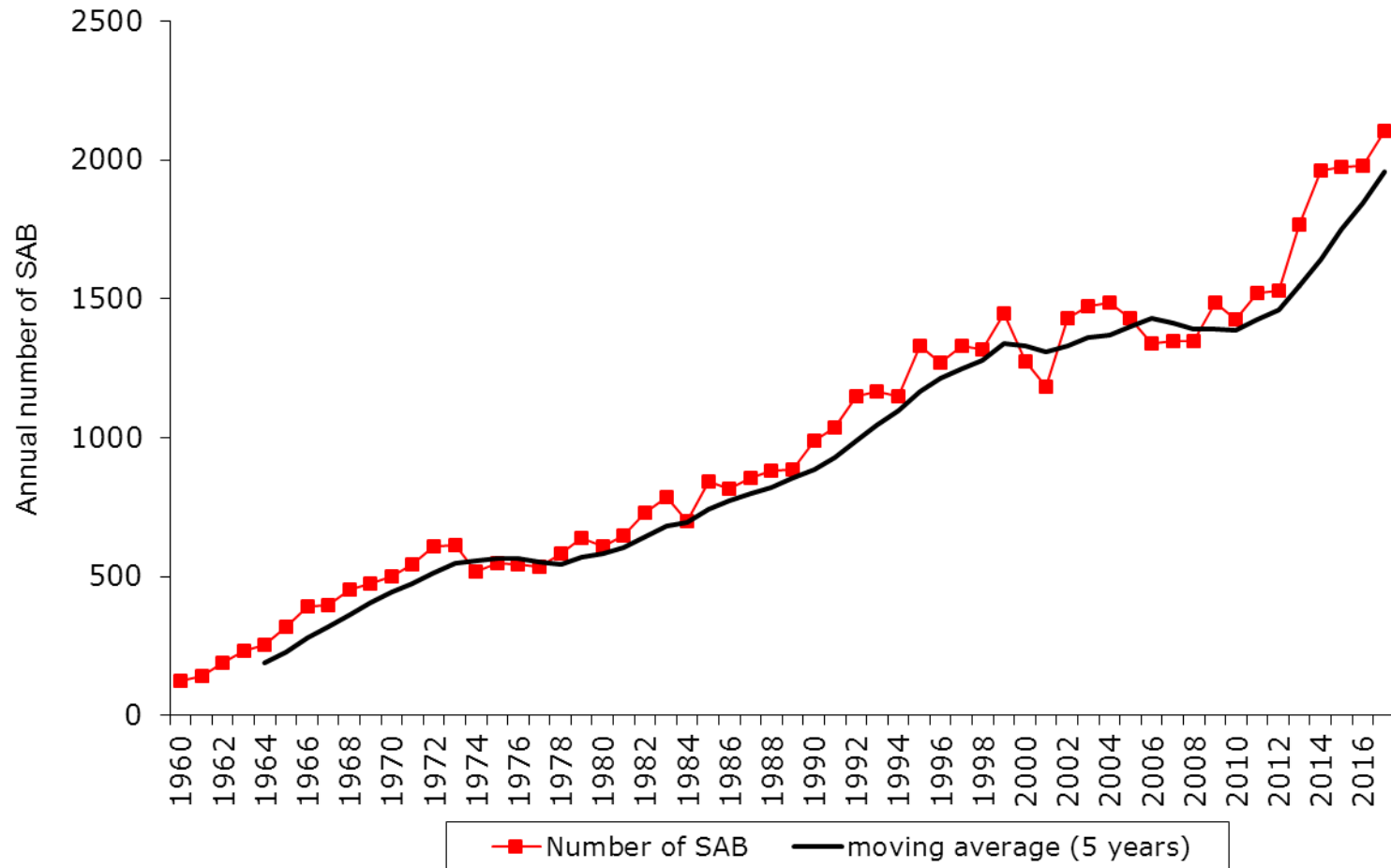
- En årlig rapport med laboratedata (typning og resistens) og kliniske oplysninger
- 2010: For første gang kliniske data hentet via Landspatientregistret – tidligere blev epi-kriser rekvireret og gennemlæst, hvorefter et standardiseret skema blev udfyldt
- Rapporter kan downloades fra SSIs hjemmeside



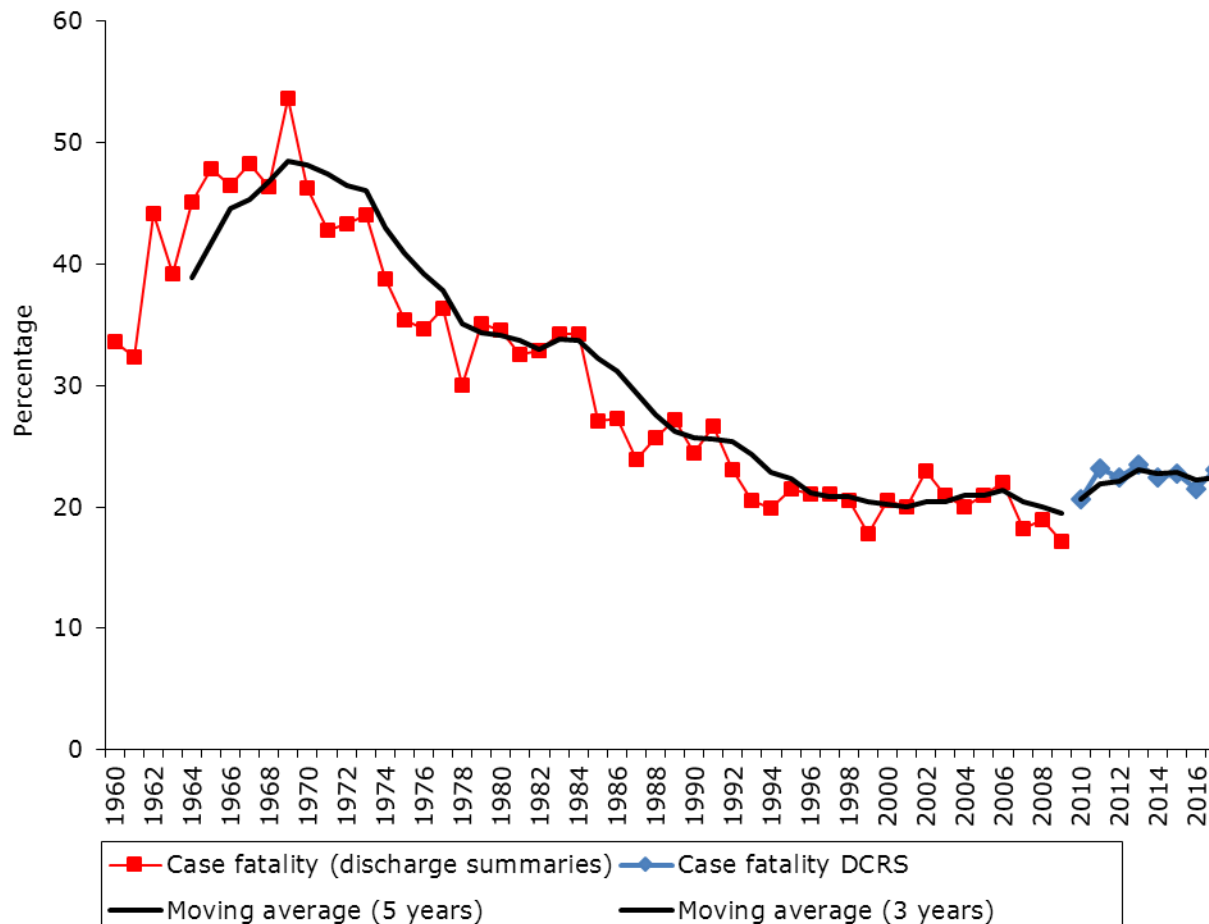
- ❖ Antal og incidens
- ❖ Patientinformation
 - Alder, køn
- ❖ Dødelighed
- ❖ Erhvervelse (HA/non HA)
- ❖ Sekundære infektioner
- ❖ Comorbiditeter
- ❖ Typning og resistens



ANTAL SAB PR ÅR



SAB, 30 DAGES MORTALITET



Diabetes increases the risk of disease and death due to *Staphylococcus aureus* bacteremia.

A matched case-control and cohort study.

Hansen MU, Gotland N, Mejer N, Petersen A, Larsen AR, Benfield T; Danish Staphylococcal Bacteremia Study Group. *Infect Dis (Lond)*. 2017 Sep;49(9):689-697

Increased **Age-Dependent Risk of Death** Associated With lukF-PV-Positive *Staphylococcus aureus* Bacteremia.

Knudsen TA, Skov R, Petersen A, Larsen AR, Benfield T; Danish Staphylococcal Bacteremia Study Group. *Open Forum Infect Dis*. 2016 Dec 5;3(4):ofw220.

Long-term mortality and causes of death associated with *Staphylococcus aureus* bacteremia. A matched cohort study.

Gotland N, Uhre ML, Mejer N, Skov R, Petersen A, Larsen AR, Benfield T; Danish Staphylococcal Bacteremia Study Group. *J Infect*. 2016 Oct;73(4):346-57.

Increased risk of **arterial thromboembolic events** after *Staphylococcus aureus* bacteremia: A matched cohort study.

Mejer N, Gotland N, Uhre ML, Westh H, Schønheyder HC, Petersen A, Jensen AG, Larsen AR, Skov R, Benfield T; Danish Staphylococcal Bacteremia Study Group. *J Infect*. 2015 Aug;71(2):167-78

Familial clustering of *Staphylococcus aureus* bacteraemia in first-degree relatives - a Danish nationwide cohort study.

L. Bruun, M.N. Christiansen, R.L. Skov, P.S. Andersen, A. Petersen, M.D. Schmiegelow, T.A. Gerds, P.K. Andersen, C. Torp-Pedersen. 2016. *Annals Internal Medicine* 165,6: 390-398

Long-Term Mortality after *Staphylococcus aureus* **Spondylodiscitis**: a Danish Nationwide Population-Based Cohort Study.

T. Aagaard, C. Roed, A.R. Larsen, A.Petersen, B. Dahl, P.Skinhøj, N. Obel. *J Infect*. 69(3):252-8.