

Tilmelding af Foredrag

Foredragets titel

The impact of social restrictions on the prevalence and microbiology of acute tonsillitis: a retrospective cohort study of patients referred to hospital

Forfatter(e)

Thomas Lynge Sørensen, Thomas Greve, Tejs Ehlers Klug

Afdeling/praksis

Øre-, Næse-, Halskirurgisk Klinisk, Aarhus Universitetshospital
Aarhus Universitet
Klinisk Mikrobiologi, Aarhus Universitetshospital

Uddannelsesniveau

Medicinstuderende

Introduktion

We aimed to explore the impact of social distancing on the prevalence and microbiology of acute tonsillitis (AT).

Materiale/metode

We performed a retrospective cross-sectional analysis of all AT patients and their microbiological findings in the 2 years preceding versus the 2 years following the COVID-19 lockdown in Denmark (11 March 2020), who were referred to the Ear-Nose-Throat Department, Aarhus University Hospital.

Resultater

In total, 425 patients were included. The prevalence of AT was significantly lower in the post-lockdown period (n=128) compared to the pre-lockdown period (n=297) ($p < 0.001$). The reduced prevalence was observed across all age groups. No statistically significant differences were found in patient characteristics between periods. The prevalent culture findings were *S. pyogenes* (15%), *Streptococcus anginosus* group (11%), and *F. necrophorum* (5%). No statistically significant differences in the relative prevalence of individual bacteria were found between periods.

Diskussion

The prevalence of patients with AT referred to hospital management decreased by 57% in the two-years period with social restrictions compared to the period prior to lockdown. Our findings suggest that this significant decrease mirrored a general decrease in AT prevalence rather than altered referral patterns.

Forfatters fulde navn

Thomas Lynge Sørensen

Forfatters email

thomaslynge95@hotmail.com