

RADIOLOGICAL ASPECTS OF THE SCLEROSSED MASTOID REGION

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Besides visualization of pathological changes, roentgenogram of the mastoid region will delineate the type and developmental characteristics of cells and the presence or the absence of veins. The paper presents roentgenographic pictures of the sclerosed mastoid region. Authors conclude that roentgenogram of the mastoid region are precious in diagnostics of the sclerosed mastoid region. *Acta Medica Medianae* 2007;46(1):45-47.

Key words: sclerosed, mastoid, roentgenogram

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Introduction

Close cooperation between radiologist and otorhinolaryngologist is of utmost importance if complete benefit of the valuable information which offers high-quality roentgenogram of the mastoid region is needed. Besides visualization of pathological changes, roentgenogram of the mastoid region will delineate the type and developmental characteristics of cells and the presence or the absence of veins. This information will serve as a guide during surgical suppurative drainage and as a persistent evidence of illness. It should be kept in mind that radiology is limited in diagnosis of pathological changes and illness of the mastoid, and that radiological findings lag behind the clinical signs of the illness. On the other hand, the roentgenograms of the mastoid do not show any evidence regarding the inflammation type, the propagation of infection, nor somatic status of the patient.

Aims

The aim of the paper was to describe the radiological presentation of the mastoid region and is based on many years of performance of radiological films and written reports.

We present the results of our work by the following illustrations: 1, 2 and 3.

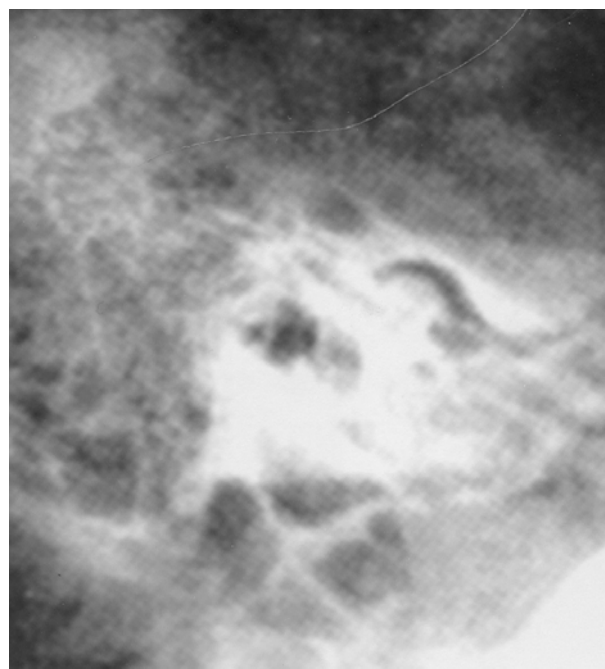
Picture 1a and 1b. Sclerosis of the right mastoid. Roentgenogram according Sculler. Right mastoid shows reduced pneumatization, shadowed. Left mastoid with normal pneumatization.

Picture 2a and 2b. Sclerosis of both mastoids. Roentgenogram according to Sculler. Both mastoids shadowed. On the right mastoid the defect caused by cholesteatoma is visualized (arrowed).

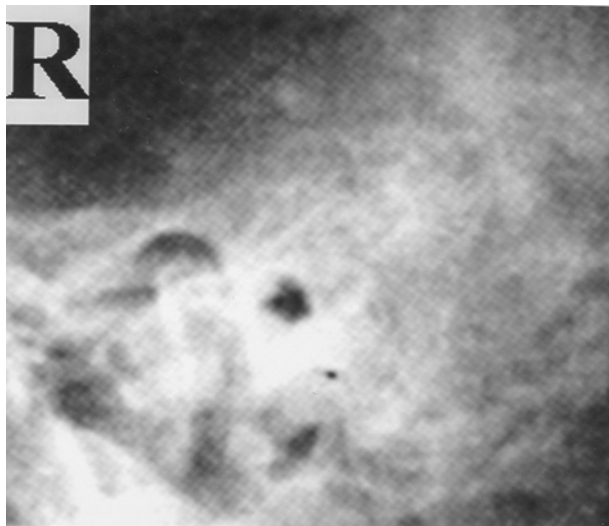
Picture 3a and 3b. Sclerosis with cholesteatoma of the right mastoid. Roentgenogram according to Sculler. On the right mastoid region sclerosed mastoid with large cholesteatoma presented as a defect (arrowed).

Conclusion

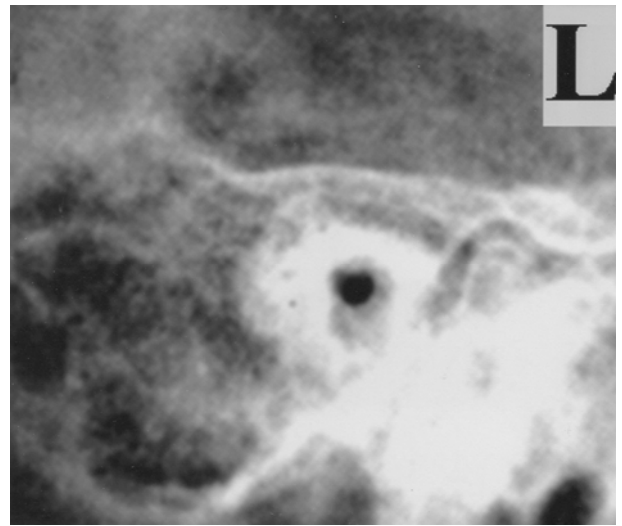
Certain diseases and pathological states of the mastoid region which can be diagnosed by the radiological evaluation are presented.



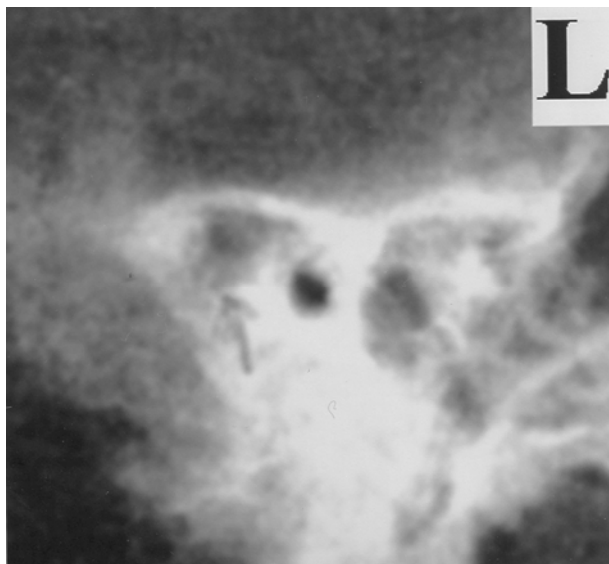
Picture 1a



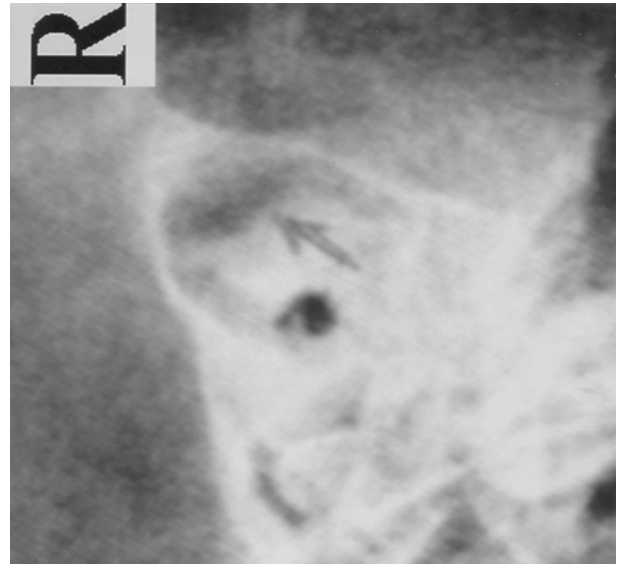
Picture 1b.



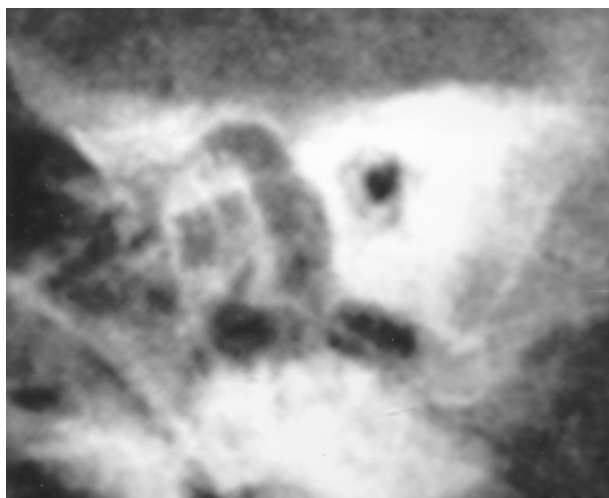
Picture 3a.



Picture 2a..



Picture 3b.



Picture 2b.

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RENDGENOLOŠKI ASPEKTI SKLEROZIRANOG MASTOIDA

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Uz to što otkriva patološke promene, rendgenogram mastoida otkriva tip i obim razvitka ćelija, veličinu i položaj sigmoidnih sinusa i prisutnost ili odsutnost vena. Radom se ilustracijama prikazuje rendgenološka slika skleroziranog mastoida. Autori zaključuju da su rendgenogrami mastoida dragoceni u dijagnostikovanju skleroziranog mastoida. *Acta Medica Medianae 2007;46(1):45-47.*

Ključne reči: skleroza, mastoid, rendgenogram