

Diagnostic lésionnel de la rhinite atrophique : comparaison de la notation des lésions après coupe des groins à celle réalisée sur les images obtenues par tomographie

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Lesional diagnosis of atrophic rhinitis: comparison of the lesion score performed on snout sections and those made on computer tomography images (CT)

Atrophic Rhinitis prevalence is often assessed by nasal lesions scoring after cutting snouts at the slaughterhouse. The saw blade can damage the snout structure. The objective of this study is to compare the rhinitis lesions scored performed on snout sections with a saw (203 snouts) and those made on computer tomography images (CT). The influence of the anatomical area section is also studied.

The saw section does not change the nasal septum and the turbinate structure. The atypical morphologies of turbinate structure observed on some sections of snouts are still present on the CT image. At one centimetre in front of the first upper premolars, the score is significantly higher (more turbinate atrophies); one centimetre back, the score is the same.