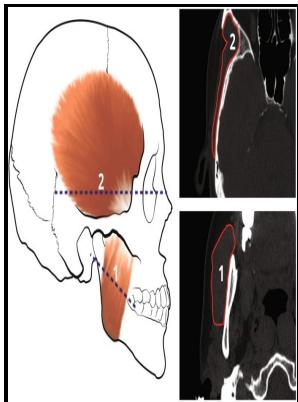


# Stress lines in the mandibles of some laboratory animals - a new method of study

University of Toronto, Faculty of Dentistry - LSU professor studies stress in wildlife using medical imaging technology



Description: -

-Stress lines in the mandibles of some laboratory animals - a new method of study

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Notes: Thesis (Dip.Orthodont.)--University of Toronto, 1964.  
This edition was published in 1964



Filesize: 70.33 MB

Tags: #Histological #evolution #of #the #regenerate #during #bone #transport: #an #experimental #study #in #sheep

## Robert Sapolsky discusses physiological effects of stress

The 10kTrees website: A new online resource for primate phylogeny. For higher bite forces, the stress values in the mandible increase proportionally to reach the threshold where bone can break.

## Two new transgenic mouse lines will enable innovative studies into gene regulation

However, this stress generally lasts only 3 to 8 hours.

## NMSU: Castrating Beef Calves: Age and Method

While all the virgin products showed run-out at 38N, all of the specimens fabricated from explants failed at this load level. This work, which was accomplished with support from the Duke Transgenic and Knockout Mouse Shared Facility, was published in Nature Methods. Acrylic pipes fixed together with plates and screws are tested with tensile and cantilever bending to measure the fixation properties.

## Stress can lead to risky decisions

Von Mises Stress Although Molar Bite and Premolar Bite exhibited an important area of lower stress in the region between the bite position and the frontal part of the body because no force was applied there, all mandibles showed a high level of stress at the mandibular notch, and from the condyle through the ramus in a descending direction Fig. This observation, however, gives little information on the time period in-situ, when a macroscopic fragmentation of the implants will occur. According to researchers at the University of Nebraska, using blood cortisol as an indicator, calves experience acute stress immediately after castration.

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