

## عنوان مقاله:

Prevalence of Linguatula serrata Nymph in Goat in Tabriz, North-West of Iran

## محل انتشار:

گفتمان پژوهش دامپزشکی، دوره 2، شماره 2 (سال: 1390)

تعداد صفحات اصل مقاله: 5

## نویسنده:

Yacob Garedaghi - Department of Pathobiology, Faculty of Veterinary Medicine, Tabriz branch, Islamic Azad University, Tabriz, Iran

## خلاصه مقاله:

Linguatula serrata is one of well-known members of Pentastomida which infects both humans and animals. The aim of this study was to evaluate the prevalence of L. serrata in mesenteric lymph nodes, livers and lungs of goats slaughtered in Tabriz area, Iran. Mesenteric lymph nodes (MLNs), livers and lungs of 280 goats slaughtered in Tabriz, North-west of Iran were investigated for nymphs of L. serrata from September 2009 to September 2010. The organs were examined macroscopically and then a tissue digestion method was also done for investigation of liver and lung of the goats that were infected MLN. The liver and lung samples were mostly taken from the condemned and rejected part of organs. The infection rate of L. serrata nymphs in MLNs, livers and lungs was 27.1 %, 2.8 % and 2.8 % respectively. The number of isolated nymph in infected lymph nodes varied from 1 to 22 with a mean of 7. Only one nymph was isolated from each infected livers and lungs. The infection rate increased with age ( $P < 0.05$ ). No significant difference in different sex groups and seasons was observed ( $P > 0.05$ ). Linguatula infection occurs as an endemic zoonosis in the study area and has an active transmission life cycle.

## کلمات کلیدی:

Linguatula serrata, Nymph, Goat, Iran

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1818018>

