

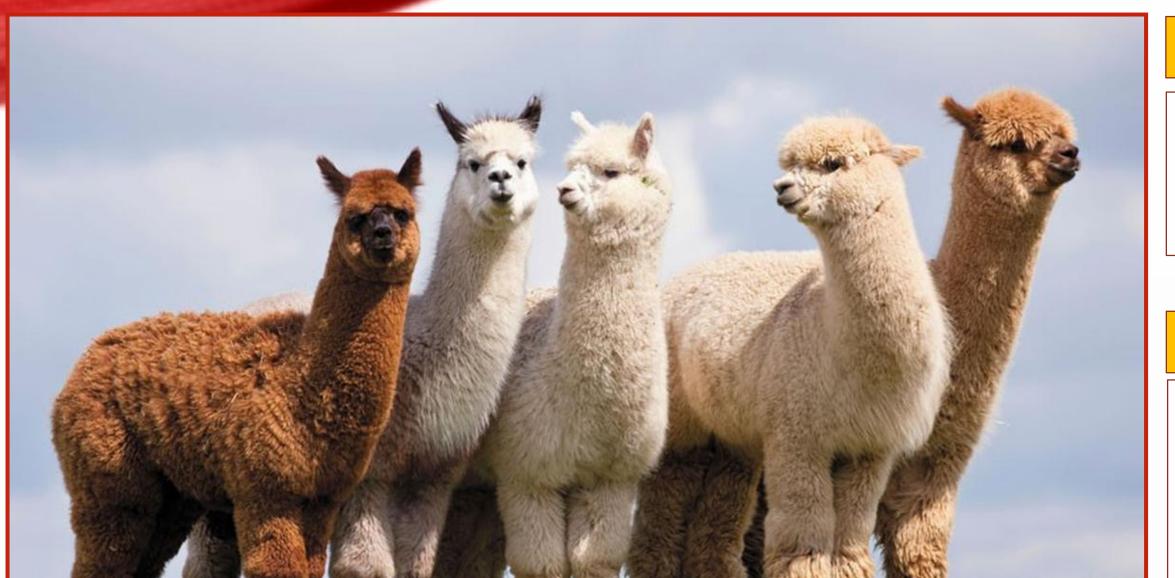
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ALPACA PATHOLOGY IN IRELAND: 13 YEARS OF SURVEILLANCE

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INTRODUCTION

Keeping of new world camelids is becoming more popular in Europe. This work reports the main causes of alpaca (Lama pacos) mortality in Ireland, based on the passive surveillance within the Department of Agriculture, Food and the Marine (DAFM) Veterinary State Laboratories (Ireland).

PATOLOGIA ANIMAL

MATERIALS AND METHODS

Archival data was retrieved on alpaca necropsies from January 2010 to December 2022 within the DAFM laboratories (Table 1). Data available included anamnesis and clinical signs, gross findings, and ancillary laboratory results on samples selected for further investigation. Where multiple pathological processes were recorded, only the main one was included in the analysis.

RESULTS	Tot submissions	111
131 animals from 61 farms were submitted (34 males, 47 females, 50 not recorded; ages ranging		131 (126 carcasses + 5 offal)
from stillborn to a 19 years) (Table 2). The main pathological process was recorded in the following body, systems: systemic (27%) : digestive (25%) (of which 48% were hereita); respiratory (4%) :		34
body systems: systemic (37%); digestive (35%) (of which 48% were hepatic); respiratory (4%); musculoskeletal, circulatory, and genitourinary/abortion (2% each); neuro-sensory and integument	Females	47
(1% each); 12% of cases were inconclusive and 4% unsuitable (Chart 1). For the suitable cases, the	Not recorded	50
aetiologies identified were bacterial, parasitic, nutritional, traumatic/mechanical, toxic, metabolic, and		61
congenital in 44%, 20%, 4%, 2%, 1%, 2% and 1%, respectively (Chart 2). Two per cent had multiple aetiologies, whilst in 20% an aetiology was not identified. The main causes of death were	Age range	Aborted till 19 y-o
	Table 2: General informations.	

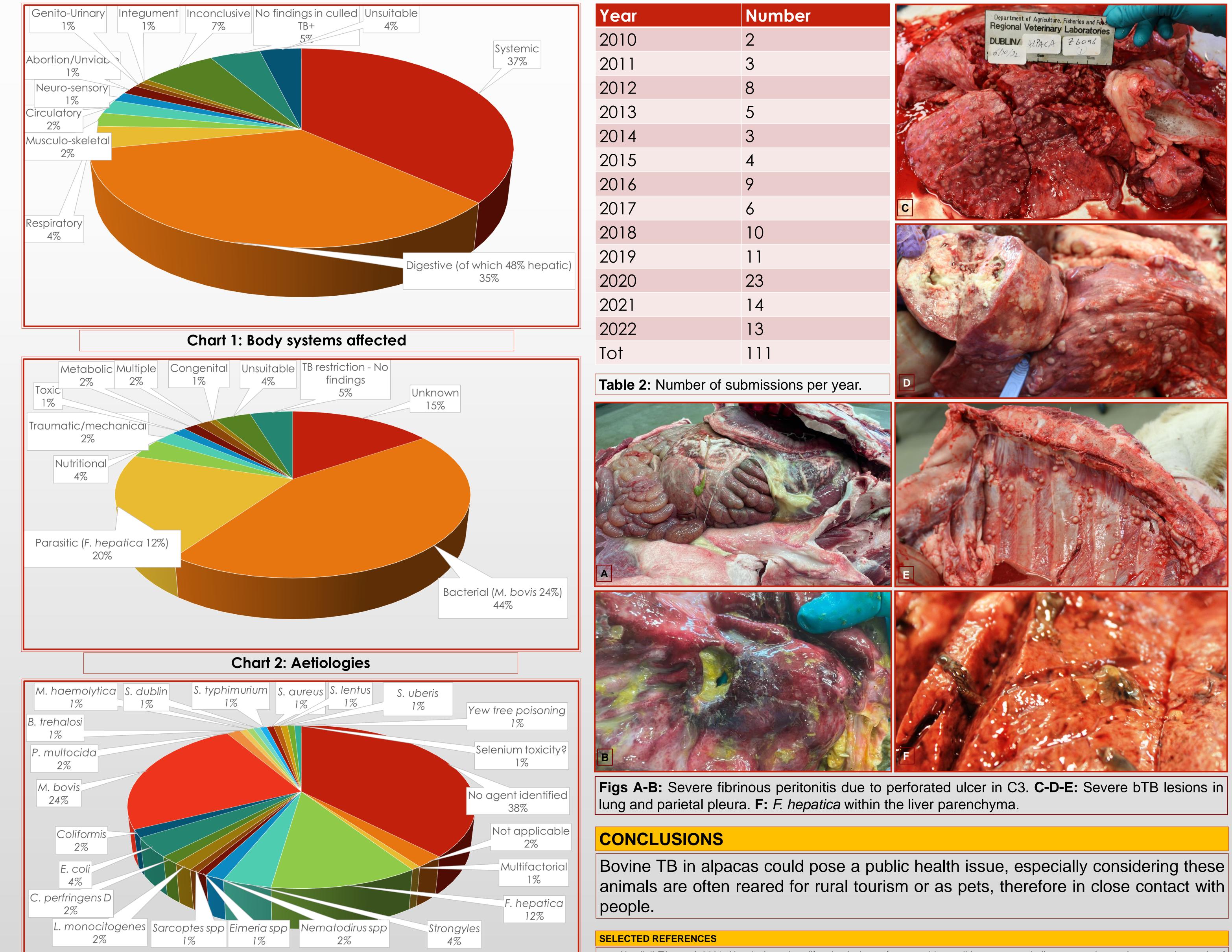


Chart 3: Agents involved

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