INTRODUCTION
Hydatid disease or echinococosis was known since ancient times and is still endemic in numerous countries including Nepal (1,2).
It is caused by the Larva of the 4mm long canine Tape worm, taenia echinococcus. Taenia echinococcus requires two hosts; most frequently dog and Sheep (goat) for both its existence and the survival of its species.

The Parasite’s Life cycle
The fertilized ova are passed out in the faeces of a dog with taeniosis contaminating the pasture (grass). The Sheep ingests the contaminated food (grass), the ova penetrate through the intestinal wall into the blood Stream, and most frequently infest Liver and Lungs, with only 10-15% being found in other organs.

An Embryo lodged in the tissue develops into the primary hydatid cyst, within which Scolices or the heads of Tap Worms are formed. Cysts are usually solitary, but in 20-30% of cases they may be multiple in one or several organs.

If a dog swallows infested organs of a sheep (goat) just slaughttered & containing live scolices, it will develop taeniosis, The parasist’e life cycle is completed (3)
Reference


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A picture of after Surgery of Hydated of Lungs.