**History:** A farmer calls you out to his dairy farm. The farmer complains that one of his Holstein heifers has had a sudden onset of severe lameness.

On questioning the Farmer he tells you that the animal has not been eating as she used to for the last two weeks and her body temperature feels warmer than usual. He has also observed a swelling of the left hind foot and cracks between the digits of the same foot, which emit a very foul odor.

The cows are kept in a field that gets very muddy when it rains and it has been raining quite frequently for the past few months. The Farmer is currently in the process of building a new barn and there are many sharp stones on site which may be washed downhill onto the grazing field when the rain falls.