

## Under Run Heels.

The under run heel usually comes from one of two causes:

1. The toe is too long and the leverage working on the toe drags all the horn material forward creating an under run heel. Shorten the toe and the heel will eventually start growing down in a steeper angle.
2. The hoof suffers from a severe thrush infection that has diminished the integrity of the whole hoof and the hoof wall acts more or less like if it was “boiled soft”. The hoof walls can not withstand pressure in any direction if it don't have the support of a good connection to the coffin bone and lateral cartilages. When both the frog and the laminae is infected there is nothing to keep the hoof wall in place and it will be easy to press it in any direction.



An under run hoof has the supporting surface (i.e. the part of the hoof that is touching the ground) moved far to the front. Since the point where the weight comes down in the bone column always remains in the same place this will make the rear part of the supporting surface extremely over loaded and sore.

The ground pressure will always act perpendicular to the ground and since the horn tubules in an under run hoof is pointing very much forward instead of down to the ground the pressure will more bend the heel even more forward than be carried by a sturdy construction.

Since the under run heel only is a symptom there is no use to direct your actions to the angle of the heel but rather to what causes this symptom which is the long toe or the thrush infection. Doing that and the heel will start growing down in a steeper angle by it self.

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The best way to get more information on this and other related topics is to attend one of my seminars. If there isn't one scheduled in your neighborhood you have two choices: Host one your self or wait for the book and the DVD-series that both are under production.