

## Curing Sarcoids

**Sarcoid:** Tumor composed mainly of connective tissue that appears on the skin as the most common tumor of the horse.

**Melanoma:** A tumor made up of melanin-pigmented cells. When used alone, the term refers to malignant melanoma. Sometimes confused with sarcoids.

A sarcoid is a tumor composed mainly of connective tissue. The growths are very firm and fibrous and may reach the size of a man's fist. A virus is suggested as the cause. There are six types of sarcoids:

1. *Occult Sarcoids:* They appear as round swellings in the skin with a gray scaly surface and if left undisturbed remain unchanged for many years.
2. *Verrucose sarcoids:* They have a warty appearance and often develop into flat thickened growths in the skin. They are slow growing but if disturbed by injury or surgery can become aggressive and locally invasive.
3. *Fibroblastic sarcoids:* Involve both the dermal and sub-dermal layers of the skin and extend much further than is apparent. They have a fleshy, aggressive appearance, which rapidly becomes ulcerated, and are often associated with surgical or accidental wounds.
4. *Malevolent sarcoids:* These are particularly aggressive and spread along the local lymphatic channels causing large ulcerative masses commonly found on the face and the internal thigh. These sarcoids have a very poor prognosis.
5. *Nodular sarcoids:* Appear to be entirely under the skin and are round and have a well-defined border. The overlying skin is often thin and shiny.
6. *Mixed sarcoids:* Are common. They have components of the occult, verrucose and nodular types.

Referenced from *The complete Equine Veterinary Manual* by Tony Pavord BVSc, MRCV & Marcy Pavord

Your veterinarian should check all skin problems before starting any treatment. You could be wasting valuable time if you are dealing with skin cancer and are treating for sarcoids.

The treatment developed by the Horse Protection Society is so easy and simple and also inexpensive. Grapefruit seed extract is readily available on the internet. For many years, we purchased our powdered grapefruit seed extract from Nutriteam.com 1-800-785-9791. This is a reliable company to deal with but they no longer carry the powdered citricidal which is usually ten times stronger than most of the liquid forms. If you elect to purchase the liquid form, you will need to figure the concentrated compared with the powder HPS uses.

HPS has located another company to purchase the powdered form of the extract but we have to purchase two kilograms at a time: Amazon Forest (973) 584-3900.

Here is the treatment for sarcoids:

Use a small baby food size glass jar.

Add 1/2 rounded teaspoon of powdered grapefruit seed extract.

Add liquid veterinary grade DMSO (99% pure) & fill jar 3/4 full.

Let sit to dissolve the grapefruit seed extract.

**Apply twice a day** to all sarcoids with a hemostat and a cotton ball. (No double dipping.) DMSO opens the pores of the skin so avoid getting the DMSO on your hands. It is also a solvent so never

wear rubber or latex gloves or never put dms0 in unapproved container. **NEVER USE FLY SPRAY ON YOUR HORSE WHILE YOU ARE USING DMSO TO TREAT FOR SARCOIDS!** It will pull the fly spray into the blood stream of the horse.

Grapefruit seed extract is a natural antibiotic, anti-virus, and anti-fungal. HPS will also give a horse with a low immune system a rounded 1/8 teaspoon, morning and evening, to help prevent illnesses.