

# **Local gold regime (LGR)(laypersons)**

## **Treatment of inflammation with gold**

Aiming at laypersons

When a foreign object like a bit of gold gets embedded in the body, a special kind of cell called the "macrophage" ("big eater") will attack the object and try to dissolve or digest it.

With an implanted gold particle, the macrophages create a membrane on the surface of the gold and start their chemical attack on the surface. This releases charged gold ions.

It is these gold ions that suppress the inflammation and (therefore) reduce the pain.

These medicinal properties of gold ions have been known for hundreds of years in the west, and for a more than 1 thousand years in the far east. Gold ions have been FDA- approved and widely used in the USA and Europe since the early 1900's to treat rheumatoid arthritis. There are hundreds of scientific papers on the topic. Originally, this 'Gold Cure' was done by either intramuscular injection or oral ingestion of a gold salt. Either way, the gold ions gradually spread throughout the body, eventually reaching the troubled joint(s).

The problem with the old-fashioned "Gold Cure" was that the gold ions went not only to troubled joints, but also to the liver, kidney, and other organs, where they caused unwanted side effects in some patients.

The beauty of the new local injection of gold into or around an arthritic joint is that the gold ions can act locally in and around the joint to reduce inflammation and reduce pain without ever reaching or harming distant organs like the liver or kidney.