

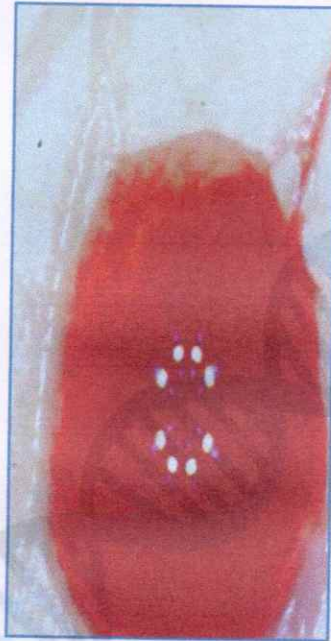
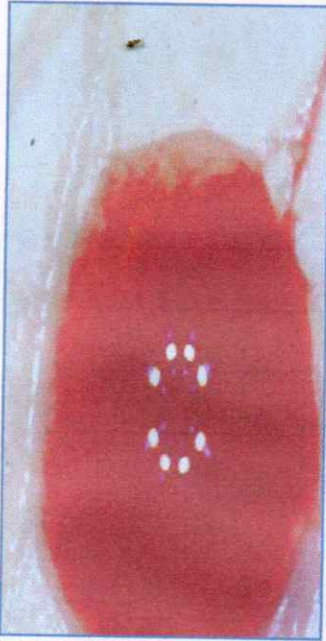
Patient's name :- Krishna Thakur

Patient's address :- Lahan-1, Siraha, Nepal

Disease's name :- Herniated Disc

Neurobiomarker Testing

Reason :- Back pain occurs due to compression of the nerve.



Treatment's name:- 1. Bioengineering stem cells: Scientists create specially designed synthetic stem cells in the lab. They have the ability to heal damaged tissues just like normal stem cells. 2. Treatment by injection: These synthetic stem cells are injected directly into the herniated disc or the area around it. These cells help in regenerating the damaged disc. 3. Relief from inflammation and pain: These stem cells have anti-inflammatory effects to reduce inflammation and regenerate the disc. This reduces pressure on the nerves and relieves pain. 4. Creation of new disc cells: Synthetic stem cells activate the body's natural healing process to create new disc cells. Gradually the disc becomes stronger and starts functioning normally again. 5. Less need for surgery: This therapy gives patients a chance to avoid surgery as it is a minimally invasive procedure. The recovery time is also less.

Suggested synthetic stem cells:- 311113

