

What is Argyria ?

- Argyria known as Smurfs disease is a rare disease, infected by an American man.
- It's called **Paul Carson Karason** was light-skinned and freckle until the early 1990s, where he suffered from **skin peeling, acid reflux and arthritis**, and trying hard to get rid of his pain.
- through his own research, karason discovered the product of "colloidal silver" This solution was widely used before the advent of **antibiotics**.
- the use of colloidal silver led to the accumulation of silver in his body, causing a rare and permanent condition known as "Argyria".



What Causes Argyria ?

- Your body has very small amounts of silver and other metals in it.
- Silver can enter your body by:
 - Absorption**
 - Inhalation**
 - Ingestion.**

What are symptoms of Argyria ?

- Your skin turning blue-grey or gray.
- It can turn your skin, eyes, internal organs, nails, and gums a blue-gray color, especially in areas of your body exposed to sunlight.
- Early signs of the condition can begin in your mouth, where sections of your gums could appear brownish-gray before the condition spreads to your skin.

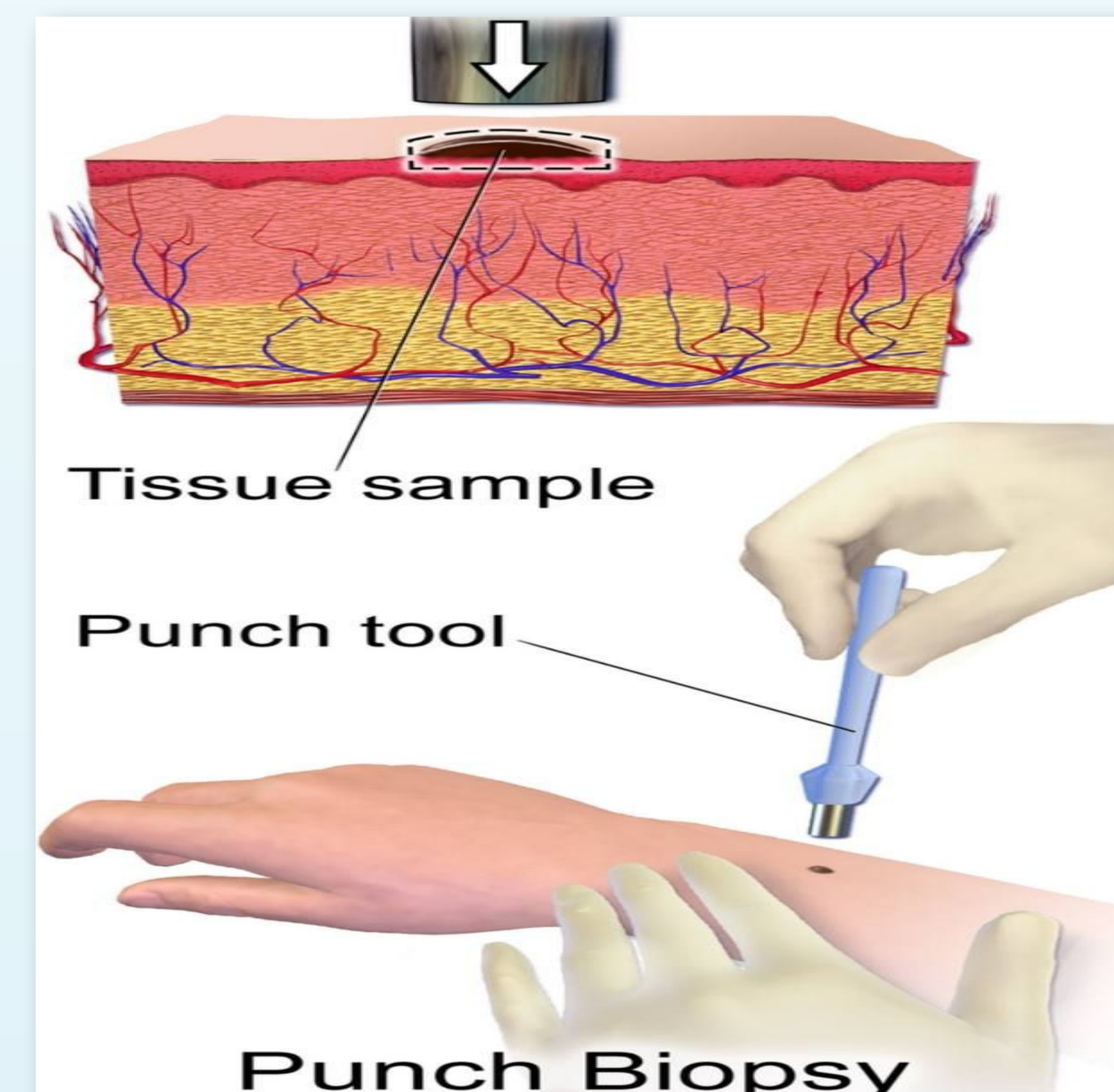


What are the types of Argyria ?

- Generalized
- Localized
- Argyrosis

How is Argyria diagnosed?

- Your provider will diagnose argyria after a complete physical exam to learn more about your symptoms.
- Skin biopsy** Your provider will diagnose argyria after a complete physical exam to learn more about your symptoms..



How do I manage my symptoms ?

- Your symptoms of skin increase with ultraviolet (UV) exposure from the sun.

- To avoid further skin discoloration, wear protective clothing or accessories , sunscreen daily.
- makeup
- Using a 5% hydroquinone
- Laser therapy may also help treat argyria.

How can i prevent Argyria?

- Do not use products that contain silver.
- Wearing personal protective equipment if you work with elemental silver.
- Wearing sunscreen to prevent your skin.
- Talking to your provider if you take a medicine that contains silver.
- Replacing amalgam dental fillings that contain silver.

Summary

- Argyria causing a rare and permanent condition.
- can enter your body by three type : Absorption / Inhalation /Ingestion
- There are three types of Generalized /Localized/Argyrosis.
- to diagnosed argyria we use A skin biopsy.

Reference

- [Argyria: Symptoms, Causes & Treatment \(clevelandclinic.org\)](http://clevelandclinic.org)
- [Argyria \(Blue Skin from Colloidal Silver\) : Symptoms, Causes, Treatment \(webmd.com\)](http://webmd.com)