



iS CLINICAL
EDUCATION

Vitamin C in Skincare

VIDEO QUESTIONS AND ACTIVITIES



Vitamin C in Skincare

1. Vitamin C can be obtained from natural sources. Most commonly _____.

2. Fill in information corresponding to the dates about the history of Vitamin C and skincare.

1937

Dr. Albert Szent Goyrgi was awarded the Nobel Prize for his work in:

1980

Original articles were published in regards to:

**until
2001**

There were Vitamin C limitations:

pH _____

Concentration _____

3. Without Vitamin C, humans can develop_____.

4. Write a benefit of topical Vitamin C in each box:

5. Vitamin C is _____ soluble and Vitamin E is _____ soluble.

6. The _____ carbon in the Vitamin C molecule was stabilized by adding a _____ group which created a new generation of Vitamin C.

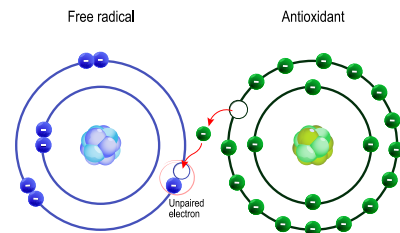
7. There are two types of 2nd generation Vitamin C which are called:

Both types of 2nd generation Vitamin C are used in iS CLINICAL products.

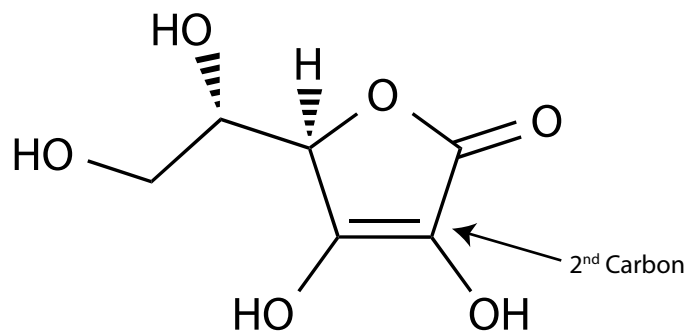
8. The skin can obtain Vitamin C by two different methods:

9. First generation Vitamin C, also known as _____, is not as stable as 2nd generation Vitamin C. First generation Vitamin C is still used today because it is an _____ ingredient.

10. Antioxidants donate an _____ to free radicals to neutralize them and stop _____.



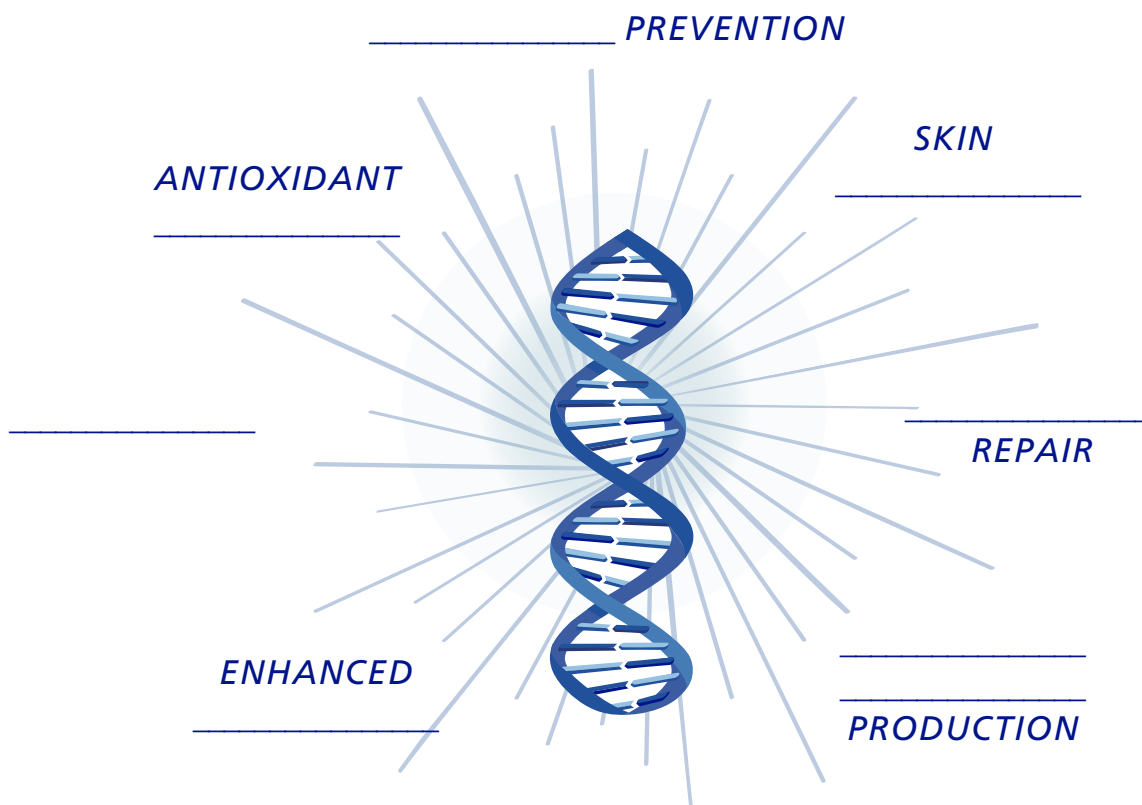
11. The carbohydrate chain that is added to the second carbon _____ the molecule.



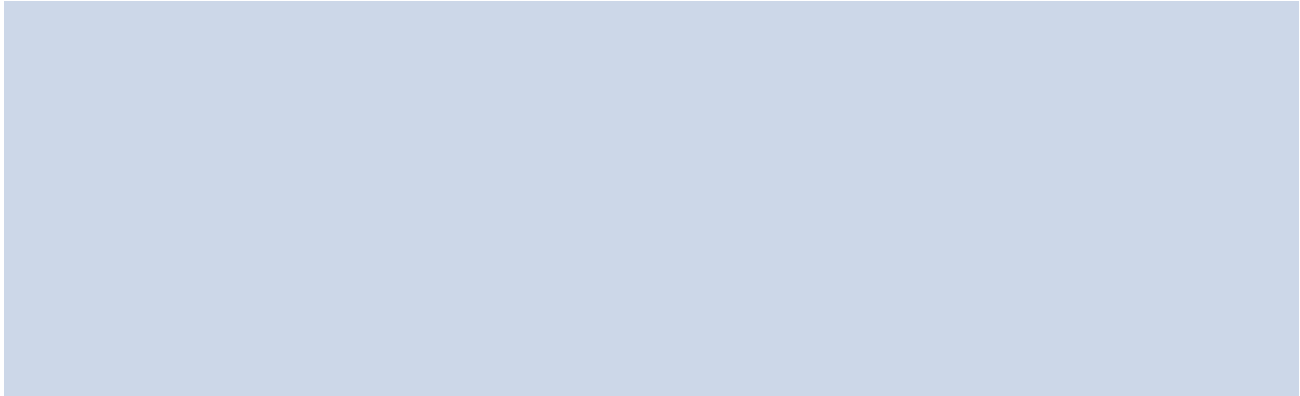
12. In the chart, write characteristics of old technology and new technology of Vitamin C in skincare:

OLD TECHNOLOGY	NEW TECHNOLOGY

13. Write a family of genes that were "turned on" by GENEXC SERUM:



14. GENEXC SERUM helps with...



15. GENEXC SERUM has an ORAC in excess of 3000. ORAC stands for _____.

This is a lab technique used to quantify the total antioxidant capacity of a substance.

16. PRO-HEAL SERUM ADVANCE + has the _____ 2nd generation Vitamin C. This

product is good for skin that is _____ or _____.

17. SUPER SERUM ADVANCE + has the _____, Copper Tripeptide-1.

18. SUPER SERUM ADVANCE + is excellent for _____ and _____ as

well as _____ or _____ scars.

19. WHITE LIGHTENING COMPLEX contains 2nd generation Vitamin C in the form of

_____.

20. WHITE LIGHTENING COMPLEX affects all 5 steps of pigment production. Complete the chart below with the steps for the corresponding topicals.

STEPS IN PIGMENTATION	CORRESPONDING TOPICALS
	Sunscreens
	Antioxidants, anti-inflammatories
	Tyrosinase inhibitors
	Norwegian kelp extract
	Exfoliators

21. WHITE LIGHTENING COMPLEX can cause a _____ percent reduction in melanin synthesis in 72 hours.

Related iS CLINICAL Products

CONTAINING VITAMIN C



PRO-HEAL SERUM® ADVANCE+

BENEFITS

- Provides extremely powerful antioxidant protection
- Helps calm inflammation
- Helps improve the appearance of blemish-prone skin
- Helps reduce the appearance of fine lines and wrinkles
- Helps revitalize the appearance of aging and compromised skin
- Paraben-free



SUPER SERUM ADVANCE+

BENEFITS

- Helps reduce the appearance of fine lines and wrinkles
- Helps improve the look of hypertrophic (raised) scar tissue and fine stretch marks
- Safely brightens and helps visibly diminish uneven skin tone
- Provides support against environmental aggressors
- Provides extremely powerful antioxidant protection
- Paraben-free



genexC SERUM

BENEFITS

- Helps prevent the signs of aging
- Helps support collagen and elastin production
- Superior antioxidant protection
- Supports cellular regeneration and metabolism
- Helps improve overall health and integrity of the skin
- Skin hydration
- Paraben-free



WHITE LIGHTENING® COMPLEX

BENEFITS

- Helps improve the appearance of uneven skin tone
- Rejuvenates the look of aging skin
- Increases hydration of the skin
- Proves controlled exfoliation
- Hydroquinone-free
- Paraben-free



YOUTH SERUM

BENEFITS

- Instantly smooths the skin
- Visibly improves the signs of aging
- Contains safe growth factors that help improve the feel of skin firmness and elasticity
- Helps prevent environmental damage with Extremozyme® technology
- Excellent for use under makeup
- Paraben-free



YOUTH INTENSIVE CRÈME

BENEFITS

- Provides powerful, 24-hour hydration
- Helps plump and smooth the appearance of fine lines and wrinkles
- Stimulates the production of collagen to dramatically decrease the appearance of lines and wrinkles over time
- Rich, protective crème formula
- Gently exfoliates for increased vitality
- Delivers essential nutrients to the skin
- Provides potent antioxidant protection
- Improves the appearance of skin strength and elasticity
- Paraben-free



YOUTH LIP ELIXIR

BENEFITS

- Provides intense and penetrating hydration
- Visibly improves the appearance of dry and dehydrated lips
- Plumps and smooths
- Helps redefine lip contour (the Vermilion Border)
- Provides immediate and long-term improvements
- Paraben-free



LIP POLISH

BENEFITS

- Gently exfoliates to reveal softer, smoother texture
- Conditions, hydrates and softens
- Provides antioxidant protection
- Paraben-free



C EYE SERUM ADVANCE+

BENEFITS

- Soothes the under-eye area
- Reduces the appearance of fine lines and periorbital wrinkles (crow's feet)
- Offers vastly superior antioxidant protection
- Paraben-free



EYE COMPLEX

BENEFITS

- Provides antioxidant-rich protective barrier
- Reduces the appearance of periorbital fine lines and wrinkles (including crow's feet)
- Soothes and visibly brightens the under-eye area
- Enhances the appearance of skin elasticity and firmness
- Provides both immediate and long-term improvements
- Paraben-free