

# PUSH

Collagen Dipeptide Concentrate

## Wound Care Supplement

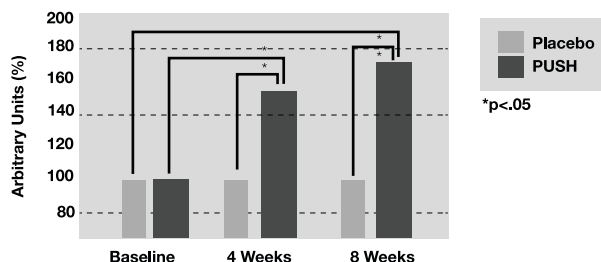
Pressure Injuries • Diabetic Wounds  
Pre-Post Operative • Dry-Fragile Skin  
Preventative Care



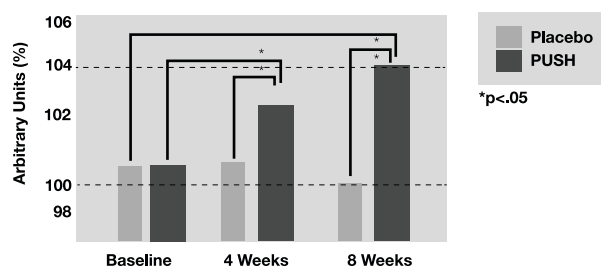
# Not Your Average Collagen Powder



## Moisture



## Texture



Clinical Studies Available [www.kinderproducts.ca](http://www.kinderproducts.ca)

**Collagen is a key component to healthy skin.** PUSH Collagen Dipeptide works by improving skin structure, which leads to smoother skin texture and a higher level of moisture.

## Features

- Patented blend of highly concentrated dipeptides
- Available in single serve packets & 72 serving cans
- Mixes easily with 2-3 oz of water
- Great tasting pineapple & mixed berry flavors
- Will not plug enteral feeding tubes
- Sugar & gluten free

## Benefits

- Promotes wound healing<sup>1</sup>
- Increases skin moisture, elasticity & texture<sup>2</sup>
- Found in human plasma for up to 4 hours

## Suggested Daily Intake

2 servings at a minimum of 4 hours apart

## PUSH Collagen Dipeptide

- PUSH-C-P: Pineapple 19.5 oz (1 Can; 72 servings)
- PUSH30-P: Pineapple 30 packets/box
- PUSH180-P: Pineapple 30 pkts/bx - 6 bx/cs (180 packets)

- PUSH-C-B: Mixed Berry 18.8 oz (1 Can; 72 servings)
- PUSH30-B: Mixed Berry 30 packets/box
- PUSH180-B: Mixed Berry 30 pkts/bx - 6 bx/cs (180 packets)

## Mixed Berry

Nutrition Facts	
Serving size	1 Scoop/Packet (7.4g)
Amount per serving	
<b>Calories</b>	<b>20</b>
	% DV*
Total Fat 0g	0%
Saturated Fat 0g	0%
Cholesterol 0mg	0%
Sodium 5mg	0%
Total Carbohydrate 2g	1%
Dietary Fiber 0g	0%
Total Sugars 0g	
Includes 0g Added Sugars	0%
<b>Protein 5g</b>	
Vitamin D 0mcg	0%
Calcium 1mg	0%
Iron 0mg	0%
Potassium 1mg	0%
Phosphorus 0mg	0%

\*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Calories per gram:  
Fat 9 • Carbohydrate 4 • Protein 4

INGREDIENTS: Collagen Dipeptide, Natural Flavors, Citric Acid, Sucralose.

## Pineapple

Nutrition Facts	
Serving size	1 Scoop/Packet (7.7g)
Amount per serving	
<b>Calories</b>	<b>30</b>
	% DV*
Total Fat 0g	0%
Saturated Fat 0g	0%
Cholesterol 0mg	0%
Sodium 0mg	0%
Total Carbohydrate 2g	1%
Dietary Fiber 0g	0%
Total Sugars 0g	
Includes 0g Added Sugars	0%
<b>Protein 5g</b>	
Vitamin D 0mcg	0%
Calcium 0mg	0%
Iron 0mg	0%
Potassium 3mg	0%
Phosphorus 0mg	0%

\*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

Calories per gram:  
Fat 9 • Carbohydrate 4 • Protein 4

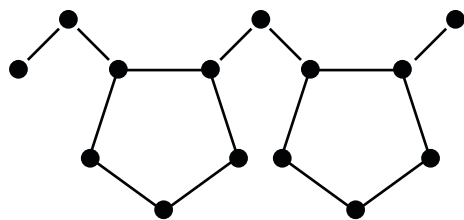
INGREDIENTS: Collagen Dipeptide, Pineapple Juice Powder, Citric Acid, Pineapple Flavor, Sucralose.

1. Koizumi, Seiko, Daisuke Tsuchiya, Naoki Inoue, and Fumihito Sugihara. Chapter 5 Ingredients of Foods for Elderly Persons. N.p.: n.p., n.d. PDF.  
2. N. Inoue, Sugihara F, and Wang X. "Ingestion of Bioactive Collagen Hydrolysates Enhance Facial Skin Moisture and Elasticity and Reduce Facial Aging Signs in a Randomized Double-blind Placebo-controlled Clinical Study." Pubmed.org. N.p., 3 Feb. 2016. Web. 6 June 2016.

\*Servings may vary according to individual assessment by a health care professional.

# Molecular Structure Comparison

## PUSH Collagen Dipeptide

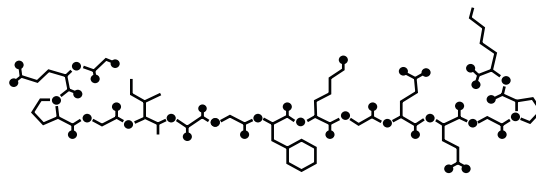


Patented blend of powdered collagen dipeptides that helps reduce heal time. Highly concentrated Proline-Hydroxyproline (PO) and Hydroxyproline-Glycine (OG) team up to form a dipeptide that is not easily degraded.

These dipeptides send out signals to cells to energize the collagen peptide production by fibrocytes and chondrocytes, promoting growth of hyaluronic acid & aids in wound healing!

VS

## Standard Collagen



The longer and less stable molecular chains can make it more challenging for standard collagen to make it into the bloodstream.

Dipeptides are very stable and have a high absorption rate into the bloodstream. A dipeptide-rich collagen is shown to be more efficient than standard collagen at stimulating wound healing.

## Supplement Protocol

### Moderate & Severe Wounds

Pressure Ulcer • Deep Tissue Wound  
Unstageable 3 or 4 • Surgical Site • Skin Tear  
Abrasions • Stasis Ulcers • Bruises

### Instructions

- Mix serving, with 2-3 oz of cool water
- 1 serving BID, can be taken orally or via G-tube

Once all wounds are healed, continue taking once per day for a month



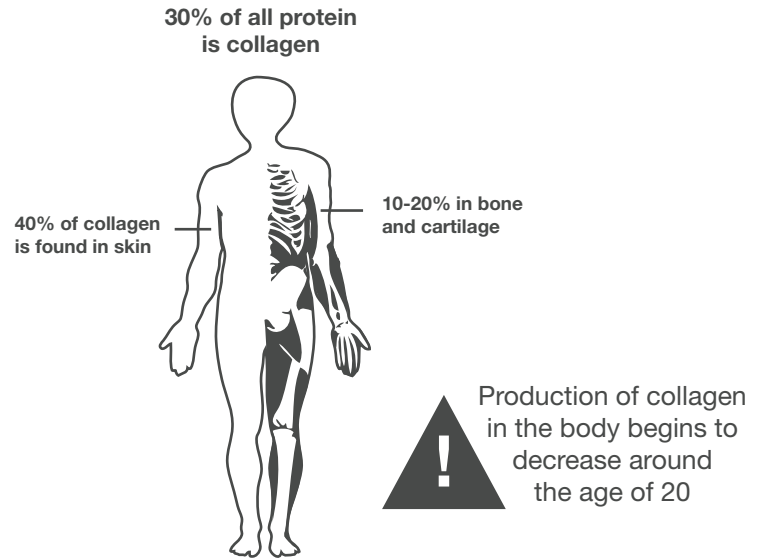
- + Can also be mixed with thickened liquids
- + Administer with water flushes for enteral patients with as little as 2 oz of water

# Collagen Peptides

A natural protein derived from collagen. It is one of the major constituent elements that plays a foundational role in the make-up of the human body.

## Benefits

- Promotes Wound Healing
- Increases Skin Moisture and Texture
- Improves Skin Elasticity
- Reduces Wrinkle Formation
- Encourages Healthy Bone Metabolism
- Helps Maintain Bone Density
- Reduces Joint Pain
- Reduces Bruising
- Radiation Treatment



## What Makes PUSH Collagen Dipeptides Different?

A patented blend of powdered collagen dipeptides that helps reduce heal time.

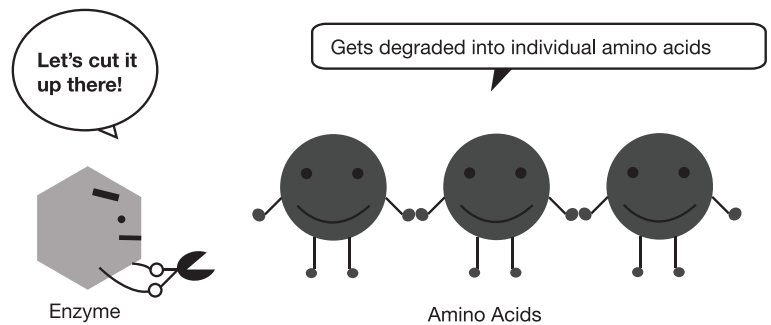
Highly concentrated Proline-Hydroxyproline (PO) and Hydroxyproline-Glycine (OG) team up to form a dipeptide formula that is not easily degraded.

Studies show that PO and OG reach the cellular level in the skin, bones and joints.

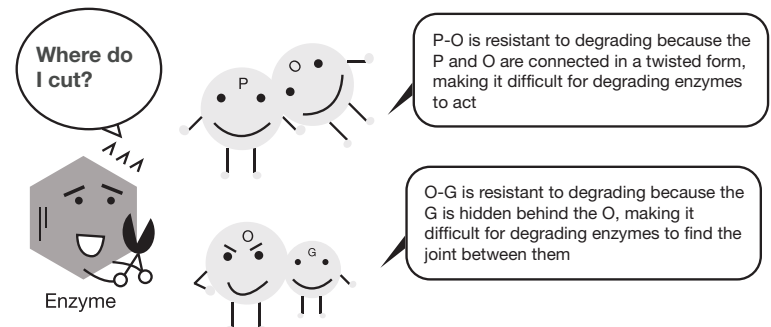
These dipeptides send out signals to cells to energize the collagen peptide production by fibrocytes and chondrocytes, promoting growth of hyaluronic acid.

This creates resilient tissue, stimulates cell division and aids in wound healing.

When amino acids line up in a regular pattern...



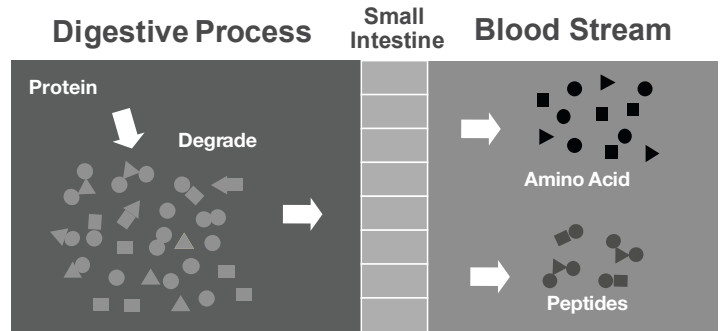
When amino acids are connected in a twisted form..





# What is Bioavailability?

Bioavailability, also known as absorption, is the first element of efficacy. The human body is able to absorb di and tripeptides. These aren't broken down into free amino acids during digestion process. Research has shown that the two dipeptides that have keys to bioavailability and efficacy are Proline-Hydroxyproline (PO) and Hydroxyproline-Glycine (OG).



## PO & OG Bioavailability

**4 HOURS**



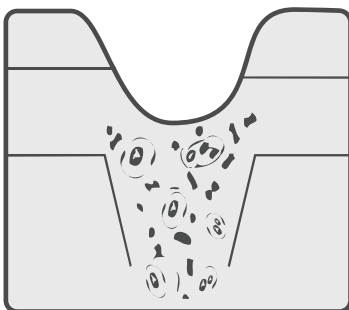
PO & OG have a high resistance to degradation. In clinical trials, PO and OG were found in human plasma up to 4 hours after ingestion. This indicates that PO and OG are absorbed by humans, which then in turn stimulates the wound healing process.

# PUSH Wound Healing Mechanism

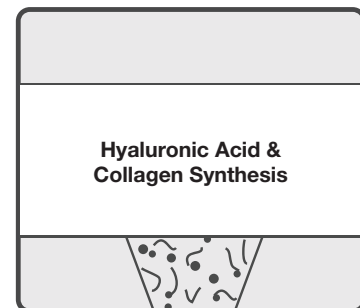
**Pressure Ulcers Heal in 3 Stages**

**1. Inflammatory Stage** PO and OG stimulate the fundamental metabolism for wound healing

**2. Granulation Stage**



PUSH stimulates dermal fibroblasts to migrate into the vacant tissue and enhance the components of the extracellular matrix - hyaluronic acid, elastin, and collagen in the re-making phase.



**3. Re-making Stage** PO can help re-epithelialization

# Looking to Improve Heal Times?

## **PUSH** Wound Care Supplement



**20 Servings**

**vs.**

**1 Serving**

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It takes **20 servings** of your current liquid protein concentrate to receive the key healing amino acids found in **1 Serving of PUSH**

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**For More Information & Samples**



[info@kinderproducts.ca](mailto:info@kinderproducts.ca)  
[www.kinderproducts.ca](http://www.kinderproducts.ca)

**1.800.672.3827**