

OneLyte®

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THE PRESENTATION OF HELIOS company At the pediatrics webinar





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OneLyte

Oral Rehydration Solution (ORS)

#lelectrolyte





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Product Introduction

OneLyte: Ready-to-Use Oral Electrolyte Solution

- First ready to use ORS meeting global osmolarity standards
- WHO-compliant formulation
- open and drink, no prep required
- Contains highly bioavailable Zinc Gluconate
- Three flavors: Green Appl, Pomegranate and Original





HELIOS

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Product Ingredients

Each liter contains 100 kcal

- Dextrose: 25 g/L
- Potassium: 20 mEq/L
- Sodium: 45 mEq/L
- Chloride: 35 mEq/L
- Zinc: 7.8 mg/L
- Osmolarity: 245 mOsm/L
- Bottle volume: 500 mL ($\pm 4\%$)

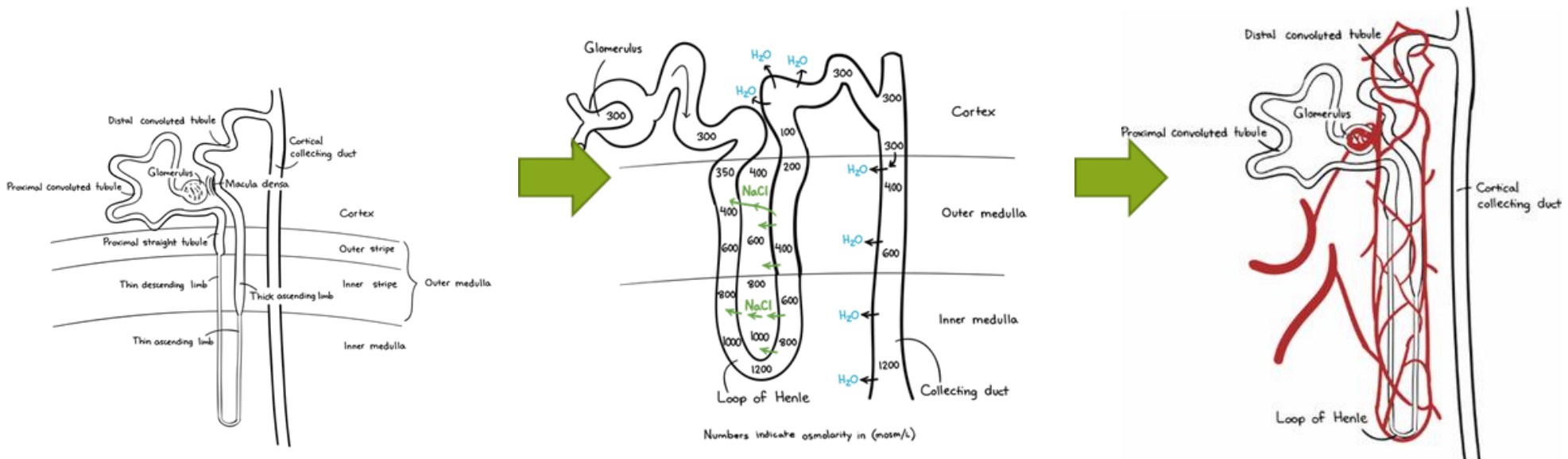


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Key Advantage: Standard Osmolarity

▪ A high total body water percentage (up to 80%),/ a large plasma volume relative to body weight with reduced buffering capacity,/ and immature renal ability to concentrate urine in infants/ And the GFR in children aged 6 months to 2 years is approximately half that of adults (**Infan: 50–60 mL/min/1.73 m²**)

- Osmolarity: 245 mOsm/L (per WHO guidelines)
- Sodium and potassium levels are within a highly safe range.



Composition of oral rehydration solutions (ORS) and commonly used beverages

	Carbohydrate (g/L)	mEq/L			Osmolarity (mOSM/kg H ₂ O)
		Sodium	Potassium	Base (HCO ₃ [−])	
Oral rehydration solutions					
CeraLyte	40	70	20	10	235
Enfalyte	30	50	25	30	200
Pedialyte	25	45	20	30	250
Rehydralyte	25	75	20	30	310
WHO (1975)	20	90	30	30	310
WHO (2002)	13.5	75	20	30	245
Commonly Used Beverages (not appropriate for repletion therapy)					
Apple juice	100 to 150	3	20	0	700
Chicken broth	0	250	5	0	450
Colas	100 to 150	2	0.1	13	550
Gatorade	45	20	3	3	330
Ginger Ale	90	3.5	0.1	3.6	565
Tea	0	0	0	0	5

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Safety and Use in Pediatrics

- Prevention of hypernatremia risk and ...
- Optimal osmolality prevents further dehydration and electrolyte imbalance
- Has a very high safety margin
- Safe for sensitive groups





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Indications

Rapid rehydration and electrolyte replenishment for:

- Diarrhea and vomiting
- Allergic gastrointestinal inflammations in neonates
- Fever, heavy sweating
- Burns
- Antibiotic-induced diarrhea
- Sports and heat exposure
- Lactation & Pregnancy





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Unique Ingredients

Zinc Gluconate:

- Promotes gut integrity and mucosal healing
- Supports rapid resolution of diarrhea
- Superior absorption and GI compatibility compared to zinc sulfate





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Usage & Clinical Benefit

Clinical studies show reduced need for hospitalization and IV therapy in pediatric patients

The combination of Folimax and Onelyte is intended to accelerate the repair of intestinal villi and reduce inflammation of the intestinal epithelium





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Formulation & Packaging

- Ready-to-use bottles: 500 ml
- No need for dilution—just open and administer!
- The product can be stored at room temperature for up to 14 days
- Available in child-friendly **Green Apple Pomegranate** and **Original** flavors



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Recommended Dosage

- Infants (6–12 months, 5.5–9 kg):
30–90 ml per episode
- Children (1–5 years): 60–120 ml per episode
- Older children & adults: As per physician's recommendation, based on dehydration severity

Infants	Children	adults
30 – 90 ml	60 – 120 ml	----



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Oral Rehydration Solution (ORS)

Thank You!

