

Seracal™

Help your patients
absorb it all

NEW

dietary solution
clinically proven
to improve the
absorption of
healthy fats



Strong **clinical evidence** across multiple studies

Seracal is a plant-based
medical food clinically proven to¹⁻³:

Boost

absorption of fat
and fat-soluble
vitamins from
food

Improve

uptake and blood
values of essential
fatty acids (EFAs),
choline, and
vitamins A and E

Seracal may
also **reduce**
GI symptoms, like
gas, diarrhea,
and bloating.

Seracal is recommended for use under medical supervision in adults
and children over one year who have transitioned to solid foods.

Mix, eat, repeat

Plant-based, gluten-free, taste-neutral powder easily mixes into meals and snacks



Seracal improves absorption of healthy fats in two ways^{1,4}:

1

It adds highly absorbable fat calories and essential fatty acids to meals and snacks.

2

It helps the body absorb the fat and fat-soluble nutrients from the foods you are eating with it.



Absorption technology that sticks with your patients

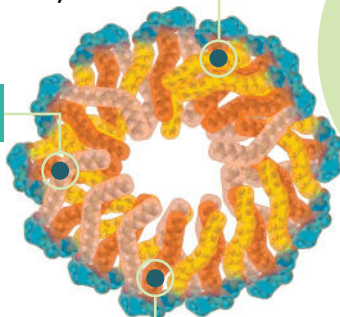
Lym-X-Sorb[®], the backbone of Seracal,
was developed in 1984.

MONOGLYCERIDES ω -6

Provide caloric density

FATTY ACIDS ω -3

Includes two
essential fatty acids



Micelle-like
structure enables
rapid absorption
without requiring
lipase for digestion
or bile acids for
absorption.

LYSOPHOSPHATIDYLCHOLINES (LPC)

Key for matrix cohesion

Give your patients the goods



Each serving of
Seracal contains
70 healthy calories

Available in a 15-serving
pouch or on-the-go
single-serving packets



Reimbursable as
a medical food



HCPCS S9432



Seracal is a medical food to be used under medical supervision and is covered by many commercial insurers and state Medicaid plans.

The proof is in the powder

Lym-X-Sorb, the active technology in Seracal, is clinically proven to be safe and effective based on an NIH-funded study comparing it to standard fats over 12 months.¹



Seracal significantly **improved** fat absorption¹

Increased mean coefficient of fat absorption (CFA) by **8% over 3 months** among high-risk patients

Increased choline to **near-healthy levels**⁵

Showed the greatest improvement in patients with the lowest BMI¹

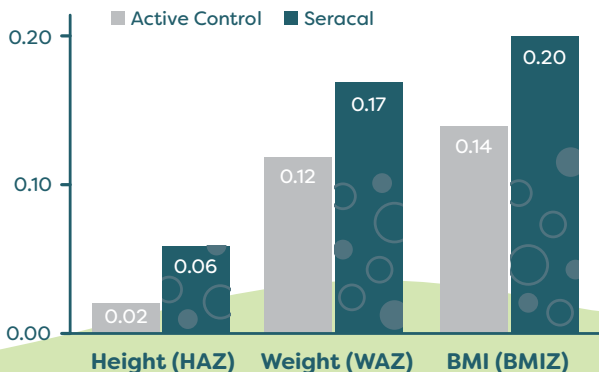
Increased weight, height, and BMI in patients with a greater need

Results

in just 3 months

Seracal significantly **improved** weight, height, and BMI for patients with moderate-to-low baseline CFA.¹

Change in height, weight, and BMI at 3 months¹
(Subjects with moderate-to-low baseline CFA [<88%], n=26)



Real-world results

Compared to a placebo in children and adolescents with pancreatic insufficiency, Seracal was shown to^{3,5,6}:



Increase
dietary fat
absorption, fasting
plasma fatty acids,
and growth

Improve
choline, essential
fatty acids, vitamins A
and E, muscle stores,
and resting energy
expenditure

Our sources say it all

1. Stallings VA, et al. Improved residual fat malabsorption and growth in children with cystic fibrosis treated with a novel oral structured lipid supplement: A randomized controlled trial. *PLoS One*. 2020;15(5):e0232685.
2. Lepage G, et al. Effect of an organized lipid matrix on lipid absorption and clinical outcomes in patients with cystic fibrosis. *J Pediatr*. 2002 Aug;141(2):178-85. doi: 10.1067/mpd.2002.124305.
3. Bertolaso C, et al. Fat-soluble vitamins in cystic fibrosis and pancreatic insufficiency: efficacy of a nutrition intervention. *J Pediatr Gastroenterol Nutr*. 2014 Apr;58(4):443-8.
4. Stallings VA, et al. Effect of oral lipid matrix supplement on fat absorption in cystic fibrosis: A randomized placebo-controlled trial. *J Pediatr Gastroenterol Nutr*. 2016 63(6):676-80.
5. Schall JI, et al. Choline supplementation with a structured lipid in children with cystic fibrosis: a randomized placebo-controlled trial. *J Pediatr Gastroenterol Nutr*. 2016 Apr;62(4):618-26.
6. Alshaikh B, et al. Choline supplementation alters some amino acid concentrations with no change in homocysteine in children with cystic fibrosis and pancreatic insufficiency. *Nutr Res*. 2016; 36(5):418-29.





**For patients struggling with fat malabsorption,
Seracal is clinically proven to¹⁻³:**

Improve

absorption of
EFAs, choline,
and vitamins A
and E

Increase

weight,
height,
and BMI

Reduce

GI symptoms

Be safe

and well
tolerated

Turn malabsorption into healthy growth for your patients at

MySeracal.com

