# For nutritional intervention in infants with failure to thrive (FTT) 6 ways the US standard of care of concentrating infant formula fails to meet your standards



1 Troubling tolerability Concentrating powdered infant formula increases osmolality,<sup>1</sup> which can be hard for infants to tolerate.<sup>2,3</sup> Hyperosmolar feeds can bring concern of osmotic diarrhea,<sup>1,4,5</sup> delaying catch-up goals.



# **6 Unbalanced nutrition Δ**

Although concentrating and fortifying can help achieve higher calorie levels, they do not produce a balance of nutrients tailored for babies with FTT.

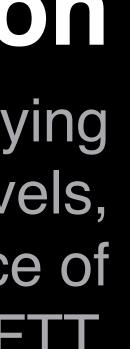


When mixing powdered formulas, there's always a danger of mistakes<sup>9-11</sup> or external contamination.<sup>12-14</sup> And the risk of errors, burden on caregivers, and extra staff time only increase when adding extra formula, fortifying, or supplementing with modular nutrition products.



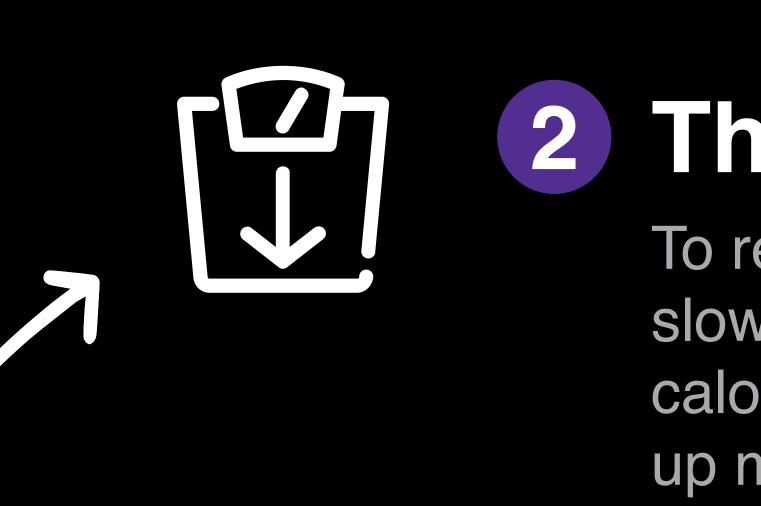
Fortini is a medical food for use under medical supervision. Fortini is brought to you by Nutricia North America.

References: 1. Steele, et al. J Hum Nutr Diet. 2013;26:32-7. 2. Slicker, et al. Congenit Heart Dis. 2013;8:89-102. 3. Roman. Pract Gastroenterol. 2011;35:11-34. 4. Pereira-da-Silva, et al. Eur J Clin Nutr. 2008;62:274-8. 5. Fomon, et al. J Pediatr. 1999;134:11-4. 6. Reddy. Semin Thorac Cardiovasc Surg Pediatr Card Surg Annu. 2013;16:13-20. 7. Alsoufi, et al. J Thorac Cardiovasc Surg. 2014;148:2508-14. e1. 8. World Health Organization; Food and Agriculture Organization of the United Nations; United Nations University. Protein and amino acid requirements in human nutrition: report of a joint FAO/WHO/ UNU expert consultation. 2007. 9. Renfrew, et al. Arch Dis Child. 2003;88:855-8. 10. Plaster, et al. J Am Diet Assoc. 1996;96:A-64. 11. Altazan, et al. Pediatr Obes. 2019;14:e12564. 12. Rocha Carvalho, et al. JPEN J Parenter Enteral Nutr. 2000;24:296-303. 13. Fagerman. Nutr Clin Pract. 1992;7:31-6. 14. Labiner-Wolfe, et al. Pediatrics. 2008;122 Suppl 2:S85-90.



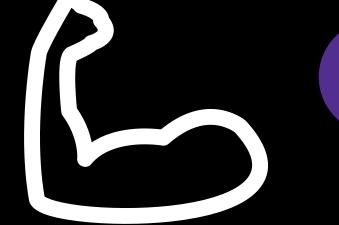


Infants with FTT can't afford any more obstacles to health. Sign up to learn how Fortini<sup>™</sup> infant formula is leading the charge to help more infants flourish.



### 2 The step-up slowdown

To reduce the risk of tolerability issues, many infants are slowly transitioned to higher-calorie feeds to reach their goal calorie level,<sup>2,3</sup> losing precious time to the incremental "stepup method." This slow approach may impede weight gain, which is especially worrisome in babies for whom pivotal procedures are delayed until they reach a healthier weight.<sup>6,7</sup>





### Inadequate hydration

Concentrating infant formula may come with concerns about inadequate hydration and even dehydration due to insufficient free water and high potential renal solute load (PRSL).1,4,5

## It's time to elevate the standard of care

### **FTTNewStandard.com**

### **3 Insufficient protein**

Standard infant formulas typically provide  $\approx 8\%$ of calories in the form of protein, even when concentrated – this falls short of the WHO/FAO/ UNU target of 9-12% to support catch-up growth with appropriate lean tissue gain.8

