


# LISDEXAMFETAMINE

Psychostimulant

Availability <sup>1</sup>	Brand name	Quick guide
Capsule 20 mg, 30 mg, 40 mg, 50 mg, 60 mg, 70 mg	Vyvanse	
<b>Effect of food</b>	Food and orange juice do not affect bioavailability. Can be given without regard to food. <sup>1</sup>	
<b>Absorption</b>	Absorbed from the small intestine. <sup>2</sup> Likely to be suitable for duodenal and jejunal administration.	
<b>Other</b>	May cause dry mouth. <sup>1</sup>	

## What to do for people with enteral feeding tubes

- Option 1** If the feeding tube is in place short-term, contact the prescriber to consider withholding treatment until the person can swallow.
- Option 2** Open the capsule and disperse the contents in 10–20 mL of water in an enteral syringe.<sup>1</sup> Shake gently until completely dispersed. See Method C for instructions. Lisdexamfetamine is highly soluble in water. A film may remain on the side of the enteral syringe, this is likely to contain inactive excipients.<sup>1</sup>

## What to do for people with swallowing difficulties

- Option 1** Open the capsule and disperse the contents in water or orange juice.<sup>1</sup> Stir until completely dispersed. Lisdexamfetamine is highly soluble in water. A film may remain on the medicine cup or oral dispenser, this is likely to contain inactive excipients.<sup>1</sup> If the person cannot swallow thin fluids, open the capsule and mix the contents with a spoonful of yoghurt.<sup>1</sup> See Method F for instructions.

## What to do for doses less than a whole capsule

For use when the required strength is not available:  
Disperse the contents of the capsule in a suitable volume of water. Use a volume that will enable easy calculation of the required dose.  
Shake or stir until an even dispersion is formed and then measure the dose immediately. For more information see *Doses less than a whole tablet or capsule* on p28.  
Lisdexamfetamine is highly soluble in water. A film may remain on the medicine cup or oral dispenser, this is likely to contain inactive excipients.<sup>1</sup>  
Examples:  
To give a 30 mg dose when the 30 mg capsule is unavailable:  
Disperse the contents of a 60 mg capsule in 60 mL of water to make a concentration of 1 mg/mL. Stir until an even suspension is formed. The required volume for a 30 mg dose will be 30 mL, measure and give the dose immediately. Discard the remainder.  
To give a 20 mg dose when the 20 mg capsule is unavailable:  
Disperse the contents of a 40 mg capsule in 40 mL of water to make a concentration of 1 mg/mL. Stir until an even suspension is formed. The required volume for a 20 mg dose will be 20 mL, measure and give the dose immediately.

## REFERENCES:

1. Product information. Available from [www.tga.gov.au](http://www.tga.gov.au). Accessed 24/08/2023.
2. Ermer JC, Haffey MB, Doll WJ, Martin P, Sandefer EP, Dennis K, et al. Pharmacokinetics of lisdexamfetamine dimesylate after targeted gastrointestinal release or oral administration in healthy adults. *Drug Metab Dispos* 2012; 40: 290-7.