

# Hy•D®

CLOSE THE CALCIUM GAP WITH  
A SMARTER SOURCE OF VITAMIN D

## 25-Hydroxyvitamin D<sub>3</sub>


Maintaining proper calcium status in your dairy cows is critical during the transition period to prevent hypocalcemia and other costly consequences of low blood calcium. Hy•D®, a unique source of vitamin D<sub>3</sub>, complements a negative DCAD diet to help close the calcium gap and support overall herd health and performance.

### Where's the gap?



Hy•D® helps support calcium homeostasis through a unique source of vitamin D<sub>3</sub> called 25-hydroxyvitamin D<sub>3</sub> (25-OH D<sub>3</sub>). Studies have demonstrated that the addition of 3 mg of Hy•D® along with a basal level of vitamin D<sub>3</sub> from cholecalciferol (minimum of 20,000 IU) can lead to significant herd health and production advantages.

**11%**  
Increased Milk  
and Component Yield<sup>3</sup>  
12% increase in energy  
corrected milk (ECM)

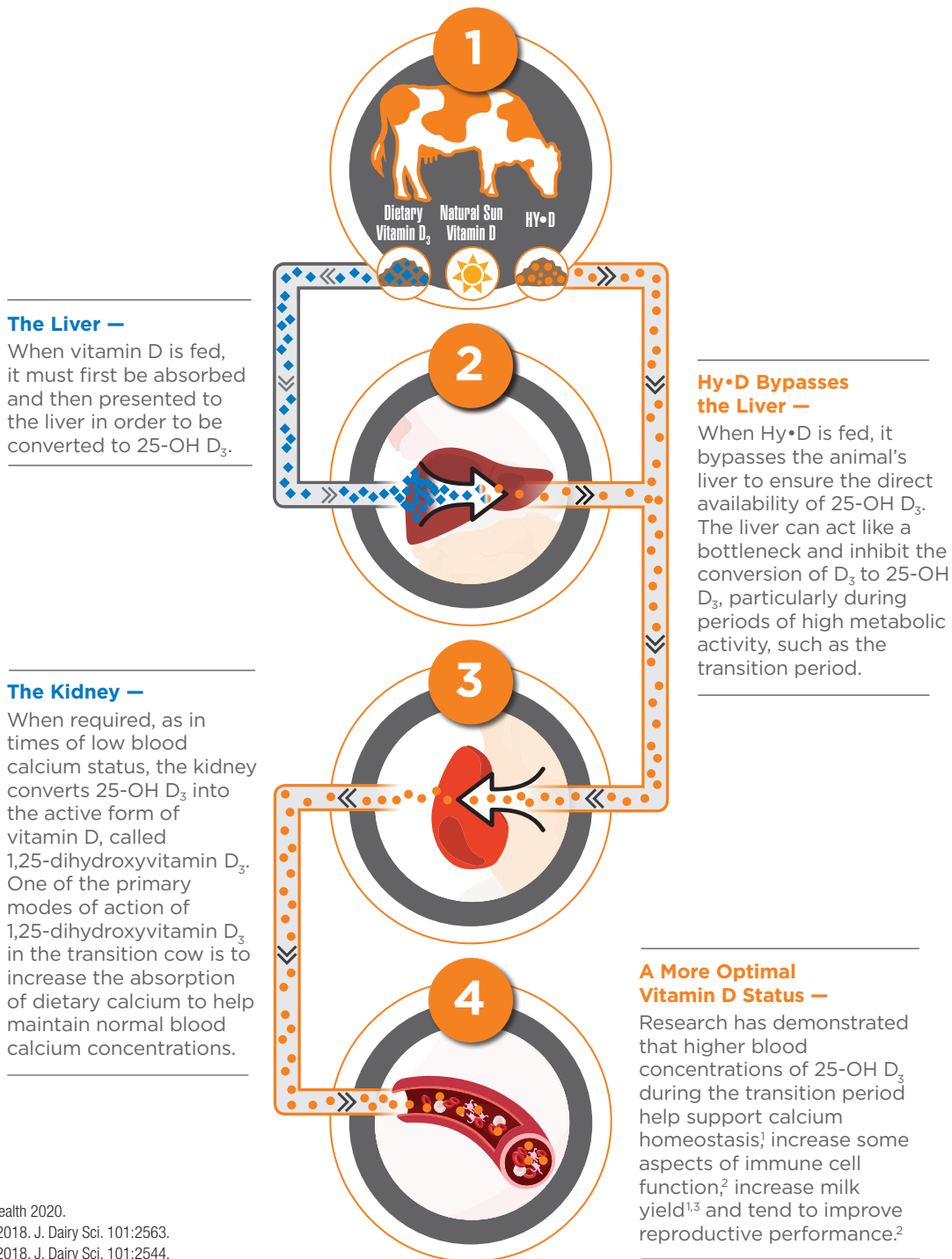
  
Decreased  
Disease Incidence<sup>4</sup>  
Retained placenta decreased  
from 30% to 0%  
Metritis decreased  
from 40% to 15%

**28%**  
Increased  
Colostrum  
Yield<sup>3</sup>

<sup>1</sup>Ellenberger, Newlander and Jones. 1931. Proc. Amer. Soc. Anim. Prod. Pg. 120.  
<sup>2</sup>NRC. 2001. Nutrient Requirements of Dairy Cattle, 7th Rev. Ed. Wash D.C.  
<sup>3</sup>Martinez et al., 2018. J. Dairy Sci. 101:2544.  
<sup>4</sup>Martinez et al., 2018. J. Dairy Sci. 101:2563.

# PUT CALCIUM ON THE FAST TRACK

Feeding Hy•D<sup>®</sup> increases the available pool of 25-OH D<sub>3</sub>, leading to a better vitamin D status and more efficient absorption of calcium.



<sup>1</sup> Phibro Animal Health 2020.

<sup>2</sup> Martinez et al., 2018. J. Dairy Sci. 101:2563.

<sup>3</sup> Martinez et al., 2018. J. Dairy Sci. 101:2544.

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