

Switching between morphine and hydromorphone – What conversion ratio do you use?

Number of responses = 82

1) Generally when converting from PO morphine to PO hydromorphone, what conversion ratio do you use? (one_of)

answer	votes	% of vote
PO morphine : PO hydromorphone conversion ratio of 7.5:1	21	26%
PO morphine : PO hydromorphone conversion ratio of 5:1	51	62%
Other (please state in the comments section below)	10	12%

2) Using the conversion ratio stated in question 1, have you generally experienced any problems with underdosing? (one_of)

answer	votes	% of vote
Yes, often underdosed	0	0%
Yes, sometimes underdosed 3 = PO morphine : PO hydromorphone conversion ratio of 5:1 5 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	8	10%
Yes, rarely underdosed 5 = PO morphine : PO hydromorphone conversion ratio of 5:1 4 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	9	11%
No, generally correct conversion 9 = Other 40 = PO morphine : PO hydromorphone conversion ratio of 5:1 9 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	58	71%
Have not converted from morphine to hydromorphone 1 = Other 2 = PO morphine : PO hydromorphone conversion ratio of 5:1 3 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	6	7%

3) Using the conversion ratio stated in question 1, have you generally experienced any problems with overdosing? (one_of)

answer	votes	% of vote
No, generally correct conversion 7 = Other 38 = PO morphine : PO hydromorphone conversion ratio of 5:1 15 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	60	73%
Yes, rarely overdosed 1 = Other (please state in the comments section below) 8 = PO morphine : PO hydromorphone conversion ratio of 5:1 3 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	12	15%
Yes, sometimes overdosed 1 = Other (please state in the comments section below) 1 = PO morphine : PO hydromorphone conversion ratio of 5:1	2	2%
Yes, often overdosed 1 = PO morphine : PO hydromorphone conversion ratio of 5:1	1	1%
Have not converted from morphine to hydromorphone 1 = Other 2 = PO morphine : PO hydromorphone conversion ratio of 5:1 3 = PO morphine : PO hydromorphone conversion ratio of 7.5:1	6	7%

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4) Generally when converting from PO hydromorphone to PO morphine what conversion ratio do you use? (one_of)

<i>answer</i>	<i>votes</i>	<i>% of vote</i>
PO hydromorphone : PO morphine conversion ratio of 1:7.5	19	23%
PO hydromorphone : PO morphine conversion ratio of 1:5	46	56%
PO hydromorphone : PO morphine conversion ratio of 1:4	5	6%
Other (please state in the comments section below)	11	13%

5) Using the conversion ratio stated in question 4, have you generally experienced any problems with underdosing? (one_of)

<i>answer</i>	<i>votes</i>	<i>% of vote</i>
Yes, often underdosed	0	0%
Yes, sometimes underdosed 1 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 2 = PO hydromorphone : PO morphine conversion ratio of 1:5 1 = PO hydromorphone : PO morphine conversion ratio of 1:4	4	5%
Yes, rarely underdosed 2 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 6 = PO hydromorphone : PO morphine conversion ratio of 1:5 1 = Other	9	11%
No, generally correct conversion 10 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 31 = PO hydromorphone : PO morphine conversion ratio of 1:5 4 = PO hydromorphone : PO morphine conversion ratio of 1:4 5 = Other	50	61%
Have not converted from hydromorphone to morphine 6 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 5 = PO hydromorphone : PO morphine conversion ratio of 1:5 5 = Other	17	21%

6) Using the conversion ratio stated in question 4, have you generally experienced any problems with overdosing? (one_of)

<i>answer</i>	<i>votes</i>	<i>% of vote</i>
No, generally correct conversion 11 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 34 = PO hydromorphone : PO morphine conversion ratio of 1:5 5 = PO hydromorphone : PO morphine conversion ratio of 1:4 5 = Other	55	67%
Yes, rarely overdosed 2 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 5 = PO hydromorphone : PO morphine conversion ratio of 1:5	7	9%
Yes, sometimes overdosed	0	0%
Yes, often overdosed	0	0%
Have not converted from hydromorphone to morphine 6 = PO hydromorphone : PO morphine conversion ratio of 1:7.5 6 = PO hydromorphone : PO morphine conversion ratio of 1:5 5 = Other	18	22%

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7) Further comments.	(freetext)
Q1. Oral morphine : oral hydromorphone 4:1 I tend to reduce by about 30% also. (Q4. PO hydromorphone : PO morphine conversion ratio of 1:4)	
Q1. Not a set conversion. Individual assessment between 5 and 7:1. (Q4. PO hydromorphone : PO morphine conversion ratio of 1:5)	
Q2. No because of cross tolerance, we have found that using more conservative ratios give adequate relief. We are always sure to be consistent with conversion ratios. (Q1. PO morphine : PO hydromorphone conversion ratio of 5:1) (Q4. PO hydromorphone : PO morphine conversion ratio of 1:5)	
Q4. Can't remember ever switching from hydromorphone to morphine, but would use 1:5 if I did. (Q1. PO morphine : PO hydromorphone conversion ratio of 5:1)	
Q4. I would rarely covert from hydromorphone to morphine. when I do I would generally use 1:5 conversion and further dose reduce after conversion. (Q1. PO morphine : PO hydromorphone conversion ratio of 7.5:1)	
Use of 5:1 ratio used for about 12 years within my own practice. (Q1. PO morphine : PO hydromorphone conversion ratio of 5:1) (Q4. PO hydromorphone : PO morphine conversion ratio of 1:5)	
I use 1 to 6 (Q1. & Q4 other)	
I use a ratio of 6:1 and 1:6, which is a compromise between the 2 conversions I was aware of in about 2008 when I started to use this conversion ratio (1:5 and 1:7.5) and I have never had any problems with it. I use the same ratio in both directions. (Q1. & Q4 other)	
I convert 1:7,5 when I use Hydromorphone every 12 hours and 1: 5 when I use Hydromorphone every 24 hours. Same ratio in both directions. (Q1. & Q4 other)	
To be exact I use the conversion ratio PO hydromorphone : PO morphine of 1:7. (Q1. & Q4 other)	
Hydromorphone 1.5mg to Morphine 10 mg PO and vice versa (Q1. & Q4 other)	