

## CALCULATIONS

WHAT YOU WANT  
WHAT YOU'VE GOT X WHAT IT'S IN

### MCGS/KG/HR

MILLIGRAMS TO MICROGRAMS

DIVIDE BY TOTAL MLS

DIVIDE BY CHILDS WEIGHT

X BY RATE

### MCG'S/KG/MIN

MILLIGRAMS TO MICROGRAMS

DIVIDE BY TOTAL MLS

DIVIDE BY TOTAL MINS

DIVIDE BY CHILDS WEIGHT

X BY THE RATE

### EXAMPLE

MIDAZOLAM 50MGS IN 50MLS OF NORMAL SALINE

CONVERT TO MICROGRAMS = 50MGS X 1000

DIVIDE BY VOLUME = DIVIDE BY 50MLS

DIVIDE BY CHILDS WEIGHT = 4KGS

X RATE

1ML = 250MCGS/KG/HR

DOBUTAMINE 120MGS IN 50MLS OF 5% DEXTROSE

CONVERT TO MICROGRAMS = 120MGS X 1000

DIVIDE BY VOLUME = DIVIDE BY 50MLS

DIVIDE BY MINS = DIVIDE BY 60

DIVIDE BY CHILDS WEIGHT = 4KGS

X RATE

1ml = 10mcgs/kg/min