

SEMESTER IV
READING ASSIGNMENT FOR DRUG DOSAGE CALCULATION COMPETENCY

TEXTBOOK: Pickar, G. (2013). *Dosage calculation* (9th ed.) New York: Delmar

TOPIC	CHAPTER /PAGES	RECOMMENDED QUESTIONS
REQUIRED		
Enteral feedings in varying strength	Chapter: 12 Pages: 354 - 355	Review Set 27: # 1-12, page: 356 Practice questions:#16-29, pages: 364 - 365
Medication infusion calculation (e.g mcg/kg, mcg/min, mcg/kg/min)	Chapter: 17 Pages: 530 - 536	Review Set 47: # 1-15, pages: 536-537 Practice questions:#6-14, pages: 543 - 544
RECOMMENDED		
Heparin solution dose and flow rate calculations	Chapter: 17 Pages: 514 - 528	Review Set 46: # 1-6, page: 528 Practice questions:#23 & 28, pages:544-545
IV flow rate calculation	Chapter: 15 Pages: 448 - 474	Review Sets 34, 35, 36, 37, 38, & 39: All Questions Practice questions:#1-47, pages: 484 - 487
Insulin preparation and administration	Chapter: 11 Pages: 281 – 303	Review Set 25: # 1-40, pages: 303 - 310 Practice questions:#13, 24, 28, 31, 34, 35, & 36, pages: 313 - 315
Parenteral medications calculation (Units, ml, mg). Using ratio & D/H	Chapter: 14 Pages: 399 – 416	Review Sets 29, 30, 31. All questions Practice questions:#1-25, pages: 419 - 421
Calculating oral medication	Chapter: 10 Pages: 206 – 233	Review Sets 22 & 23: All questions Practice questions:#1-49, pages: 244 - 249
Dose calculation using the formula method	Chapter: 15 Pages: 461 – 463	Review Set 36: # 1-15, page: 463 - 464 Practice questions:# 32-47, pages: 486 - 487
Use of ratio and proportion in dose calculations	Chapter: 2 Pages: 72 - 75	Review Set 9: # 1-22, pages: 75 - 76 Practice questions:# 31 - 40, page: 79
Symbol and abbreviation tables	Inside front cover, bottom half	
Conversion related to weight: Lbs. to kg.	Chapter: 13 Pages: 368 - 369	Review Set 28: # 1-6, pages: 379 - 380 Practice questions:#1-10, page: 387
Apothecaries units (volume, wt, gr, mcg, mg, g conversions)	Chapter: 3 Pages: 89 - 92	Review Set 12: # 1-20, page: 93 Practice questions:#12-49, page: 95
Metric system and conversion	Chapter: 3 Pages: 85 - 88	Review Set 11: # 1-25, pages: 88 - 89 Practice questions:#1-10, pages: 94 - 95
Roman numerals, fractions, decimals, ratio/proportion, and percentage	Chapter: 1 & 2 Pages: 31 – 36, 64 - 77	Review Sets 1, 2, 3, 4, 8, & 9 Practice questions:#1-36, pages: 60 – 61, # 1 – 40, pages: 78 - 79