

Ejercicios = Reposicion Scing.

→ 1 = Paciente 50kg S% 400 U% 100 Ingresos 1350

RB	90		
Ayuno	360		
Scingrado	400 x 2 = 800		
Uresis	100		
	950	1350 - 950 = 400	+ 400 cc

50 - 20 = 30 + 60 = 90

2 = Paciente 70kg S% 600 U% 100 PG% 320 Ingresos PG = 320

RB	110		
Ayuno	440		
Sangrado	600 - 320 = 280 x 2		
Uresis	100	560	
	1250	1250 - 320 = 930 + 560	560 cc

500

70 - 20 = 50 + 60 = 110

3 = Paciente 100kg S% 900 ml U% 100 PG% 440 x 2 Ingresos 440

RB	140	2600	440
Ayuno	360		2160
Sangrado	900 x 2 = 1800		
Uresis	100		
	1700		

100 - 20 = 80 + 60 = 140

Paciente 23

$$10 \times 100 = 1000$$

$$10 \times 5 = 500$$

$$3 \times 20 = 60$$

$$\underline{1560}$$

$$SG = 416 \text{ ml}$$

$$NaCl = 104 \text{ ml}$$

$$K = 10.4 \text{ mEq}$$

$$1560 \text{ ml} / 3 = 520 \text{ ml}$$

$$520 / 5 = 104 \text{ ml}$$

$$104 / 10 = 10.4 \text{ mEq}$$

$$10.4 \times 40 = \underline{416 \text{ ml}}$$

Paciente 21

$$10 \times 100 = 1000$$

$$10 \times 5 = 500$$

$$1 \times 20 = 20$$

$$\underline{1520 \text{ ml}}$$

$$SG = 404 \text{ ml}$$

$$NaCl = 101.4 \text{ ml}$$

$$K = 10.1 \text{ mEq}$$

$$1520 \text{ ml} / 3 = 506.6 \text{ ml} = 507 \text{ ml}$$

$$507 \text{ ml} / 5 = 101.4 \text{ ml} = 101 \text{ ml}$$

$$101 / 10 = 10.1 \text{ mEq}$$

$$10.1 \times 40 = 404 \text{ ml}$$

Mz por SC

1. Paciente 75 kg

$$SC = (15 \times 4 + 7) / (90 + 15) = (67 / 105) = 0.63 \text{ ml}$$

$$(1300 \text{ ml/mzSC}) (0.63) = \underline{819 \text{ ml/mzSC}}$$

2. Paciente 23 kg

$$SC = (23 \times 4 + 7) / (90 + 23) = 99 / 113 = 0.87 \text{ ml}$$

$$(1200 \text{ ml/mzSC}) (0.87) = 1044 \text{ ml/mzSC}$$

3. Paciente 21 kg

$$SC = (21 \times 4 + 7) / (90 + 21) = 91 / 111 = 0.81 \text{ ml}$$

$$(1500 \text{ ml/mzSC}) (0.81 \text{ ml}) = 1215 \text{ ml/mzSC}$$

Formula M

Paciente 15

$$10 \times 100 = 1000$$

$$\frac{5 \times 50 = 250}{1250}$$

$$SC_1 = 332 \text{ ml}$$

$$NaCl = 83 \text{ ml}$$

$$K = 8.3 \text{ meq}$$

$$1250 \text{ ml} / 3 = 416.6 \text{ ml} = 417 \text{ ml}$$

$$417 \text{ ml} / 5 = 83.4 \text{ ml} = 83 \text{ ml}$$

$$83 \text{ ml} / 10_{\text{meq}} = 8.3 \text{ meq}$$

$$8.3 \times 40 = 332 \text{ ml}$$

Ejercicios

Hollyday

15.4 sol NaCl 0.9%

1° Paciente 15

$$10 \times 100 = 1000$$

$$5 \times 50 = 250$$

$$\hline 1200 \text{ ml}$$

$$\text{Na}^+ = (1200 \text{ ml}) (3 \text{ mEq}) / 100 \text{ ml} = 3750 \text{ mEq} / 100 = 37.5 \text{ mEq}$$

$$37.5 / 3 = 12.5 \text{ mEq}$$

$$\text{K} = (1200 \text{ ml}) (2 \text{ mEq}) / 100 \text{ ml} = 2400 \text{ mEq} / 100 = 24 \text{ mEq}$$

$$24 / 3 = 8 \text{ mEq}$$

$$\text{Sol NaCl} = (12.5 \text{ mEq}) (100 \text{ ml}) / 15.4 \text{ mEq} = 1250 \text{ mEq/ml} / 15.4 \text{ mEq}$$
$$= 81.1 = \underline{81 \text{ ml}}$$

2° Paciente 23

$$10 \times 100 = 1000$$

$$10 \times 5 = 500$$

$$3 \times 20 = 60$$

$$\hline 1560 \text{ ml} \approx 1520 \text{ ml}$$

$$\text{Na}^+ = (1560 \text{ ml}) (3 \text{ mEq}) / 100 \text{ ml} = 4680 \text{ mEq} / 100 \text{ ml} = 46.8 \text{ mEq}$$

$$46.8 / 3 = 15.6$$

$$\text{K} = (1560 \text{ ml}) (2 \text{ mEq}) / 100 \text{ ml} = 3120 \text{ mEq} / 100 \text{ ml} = 31.2 \text{ mEq}$$

$$31.2 / 3 = 10.4$$

$$\text{Sol NaCl} = (10.4 \text{ mEq}) (100 \text{ ml}) / 15.4 \text{ mEq} = 1040 \text{ mEq/ml} / 15.4 \text{ mEq}$$

$$1040 / 15.4 = 101.2 = \underline{101 \text{ ml}}$$