

Hollyday Segar

PX : 30 kg

primeros $10 \times 100 = 1000$.

Segundos $10 \times 50 = 500$.

Terceros $10 \times 20 = 200$.

TOTAL 1700 ml para 24 hrs.

Na: 3

K 2

$$\frac{1700}{24} = 71$$

Na:

▶ $(1700 \text{ ml}) (3 \text{ mEq}) / 100 \text{ ml}$

▶ $5100 \text{ ml mEq} / 100 \text{ ml}$

▶ $51 \text{ mEq para 24 hrs}$

K:

▶ $(1700 \text{ ml}) (2 \text{ mEq}) / 100 \text{ ml}$

▶ $(3400 \text{ ml mEq}) / 100 \text{ ml}$

▶ $34 \text{ mEq para 24 hrs}$

Convertir de mEq a ml

▶ $(17 \text{ mEq}) (100 \text{ ml}) / 15.4 \text{ mEq}$

▶ $(1700 \text{ mEq ml}) / 15.4 \text{ mEq}$

▶ Resultado: 110.3 ml

Sol. cloruro de sodio 0.9% 110 ml.

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PX: 23 kg

Primeros $10 \times 100 = 1000$

Segundos $10 \times 50 = 500$

Terceros $3 \times 20 = 60$

TOTAL: 1560

Na: 3

K: 2

$23 - 20 = 3 + 60 = 63$

$$\frac{1560}{24} = 65$$

Na:

- ▷ (1560 ml) (3 mEq) / 100 ml
- ▷ (4680 ml mEq) / 100 ml
- ▷ 47 mEq para 24 hrs.

K:

- ▷ (1560 ml) (2 mEq) / 100 ml
- ▷ 3120 ml mEq / 100 ml
- ▷ 31.2 mEq para 24 hrs.

Convertir de MEq a ml.

- ▷ (15.6 mEq) (100 ml) / 15.4 mEq
- ▷ (1560 mEq ml) / 15.4 mEq
- ▷ Resultado: 101 ml

Sol. cloruro de sodio 0.9%. 101 ml.

INTEGRAL LABORATORIO

PX : 45 kg. Na : 3
Primeros $10 \times 100 = 1000$ K : 2
Segundos $10 \times 50 = 500$
Terceros $25 \times 50 = 500$
TOTAL : 2000 ml para 24 hrs

$\frac{2000}{24} = 83.$ $45 - 20 = 25 + 60 = 85.$

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| <p><u>Na:</u></p> <ul style="list-style-type: none">▶ (2000 ml) (3 mEq) / 100 ml.▶ 6000 ml mEq / 100 ml.▶ 60 mEq para 24 hrs. | <p><u>K:</u></p> <ul style="list-style-type: none">▶ (2000 ml) (2 mEq) / 100 ml.▶ 4000 ml mEq / 100.▶ 40 mEq para 24 hrs. |
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Convertir mEq a ml.

<ul style="list-style-type: none">▶ (20 mEq) (100 ml) / 15.4 mEq.▶ 2000 mEq ml / 15.4 mEq.▶ 130 ml	<p>Sol. cloruro de sodio 0.9% 130 ml.</p>
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m^2 Superficie corporal

1) Px 30 kg $SC: (\text{peso} \times 4 + 7) / (90 + \text{Peso})$

$$SC: (30 \times 4 + 7) / (90 + 30)$$

$$SC: (120 + 7) / (120)$$

$$SC: 127 / 120$$

$$SC: 1.05 \text{ m}^2 \text{ SC} = (1200)(1.05 \text{ m}^2 \text{ SC}) = 1260 \text{ ml}$$

para 24 hrs.

2) $Px: 23 \text{ kg}$

$$SC: (23 \times 4 + 7) / (90 + 23)$$

$$SC: (92 + 7) / (113)$$

$$SC: (99 / 113)$$

$$SC: 0.876 \text{ m}^2 \text{ SC} = (1200)(0.876 \text{ m}^2 \text{ SC}) = 1051 \text{ ml}$$

para 24 hrs.

3) $Px: 45 \text{ kg}$

$$SC: (45 \times 4 + 7) / (90 + 45)$$

$$SC: (180 + 7) / (135)$$

$$SC: (187 / 135)$$

$$SC: 1.38 \text{ m}^2 \text{ SC} = (1200)(1.38 \text{ m}^2 \text{ SC}) = 1656 \text{ ml}$$

para 24 hrs.

método "m" de reposición de líquidos

① px: 30 kg.

Hollyday Segar: 1700 ml para 24 hrs.

Turnos: $1700 / 3 = 566.6 = 567$ ml para 8 hrs.

NaCl 0.9%: $567 / 5 = 113$ ml.

KCl: $113 / 10 = 11.3$

SG 5%: $11.3 \times 40 = 452$ ml.

② px: 23 kg.

Hollyday Segar: 1560 ml para 24 hrs.

Turnos: $1560 / 3 = 520$ ml para 8 hrs.

NaCl 0.9%: $520 / 5 = 104$ ml.

KCl: $104 / 10 = 10.4$.

SG 5%: $10.4 \times 40 = 416$ ml.

③ px 45 kg:

Hollyday Segar: 2000 ml para 24 hrs.

Turnos: $2000 / 3 = 667$ ml para 8 hrs.

NaCl 0.9%: $667 / 5 = 133$ ml.

KCl: $133 / 10 = 13.3$.

SG 5%: $13.3 \times 40 = 532$ ml.

Reposicion de Sangrado + m

1

peso: 70 kg, Uresis: 60 ml, Sangrado 1000 ml
 PG: 309, Ayuno 4 hrs.

RB	110
Ayuno	220
Sangrado	1000
Uresis	60

Egresos: 1390

$$70 - 20 = 50 + 60 = 110$$

$$\text{Ayuno} = \frac{(RB)(4)}{2}$$

$$A = \frac{(110)(4)}{2} = \frac{440}{2}$$

$$\text{Ayuno} = 220$$

$$1000 - 309 = 691 (2) = 1382$$

$$1390 - 309 = 1081$$

$$\begin{array}{r} + 1081 \\ \hline 2463 \\ + 309 \\ \hline \end{array}$$

$$\text{BHT} = 2772 - 1390$$

$$\text{BHT} = +1382$$

Ingresos: 2772

2 peso 58 kg, Uresis 100 ml, Sangrado 800 ml
 PG: 309, Ayuno 5 hrs.

RB	98
Ayuno	98
Sangrado	800
Uresis	100

Egresos: 1096

$$58 - 20 = 38 + 60 = 98$$

$$\text{Ayuno} = \frac{(98)(2)}{2} = \frac{196}{2}$$

$$\text{Ayuno} = 98$$

$$800 - 309 = 491 (2) = 982$$

$$1096 - 309 = 787$$

$$\begin{array}{r} + 787 \\ \hline 1769 \\ + 309 \\ \hline \end{array}$$

$$\text{BHT} = 2078 - 1096$$

$$\text{BHT} = +982$$

Ing. T. 2078

3 peso. 80., Uresls 70ml, Sangrada 1200 ml.
 pg: (1) 309 (2) 301 / Ayuno. 8 hrs

	14
RB.	120
Ayuno.	480.
Sangrada.	1200.
Uresls.	70.

$$80 - 20 = 60 + 60 = 120$$

$$\text{Ayuno} = \frac{(120)(8)}{2}$$

$$A = \frac{960}{2} = 480$$

Egr.-T. 1870

$$1200 - 610 = 590 (2) = 1180$$

$$1870 - 610 = 1260$$

$$+ 1260$$

$$2440$$

$$+ 610$$

Ing.-T. 3050

$$\text{BHT.} : 3050 - 1870$$

$$\text{BHS} : + 1180$$