

**IV TREATMENT RECORD**

**Today’s Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

# Protocol: Standard Push “Myers Cocktail” – Use 35 ml syringe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium chloride 20% | 200 | 5 | 2.95 | 14.75 |
| 2. Calcium chloride 10% | 100 | 1 | 2.04 | 2.04 |
| 3. Selenium | 200 mcg | 1 | 0.0014 | 0.0014 |
| 4. Pyridoxine | 100 | 1 | 1.46 | 1.46 |
| 5. Dexpanthenol | 250 | 1 | 1.22 | 1.22 |
| 6. Hydroxycobalamin | 1 | 1 | 0.31 | 0.31 |
| 7. B-Complex 100 | \* | 1 | 2.04 | 2.04 |
| 8. Ascorbic acid | 500 mg | 2 | 5.94 | 11.88 |
| 9. Sterile water |  | 22 | 0 | 0 |
|  |  |  |  |  |
| **Totals:** |  | **35** |  | **34.46** |

**Desired Rate: 1 ml 30-60 seconds**

**Estimated time of infusion: 15-20 min**

**Final osmolarity: 985 mOsm/L**

**Administer with 23g Butterfly set  
\*B-Complex 100:**Thiamine HCl 100 mg/ml, Riboflavin-5-PO4 2 mg/ml, Pyridoxine HCl 2 mg/ml, Dexpanthenol 2 mg/ml, Niacinamide100 mg/ml

# 

# Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

### Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_

**(*initials*)**

**Progress Notes:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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### Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV TREATMENT RECORD**

**Today’s Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

# Protocol: Mini “Myers Cocktail” with Aminos–

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium chloride 20% | 200 | 5 | 2.95 | 14.75 |
| 2. Calcium chloride 10% | 100 | 2 | 2.04 | 4.08 |
| 3. Plenamine 15% |  | 10 | 1.38 | 18.4 |
| 4. Pyridoxine | 100 | 1 | 1.46 | 1.46 |
| 5. Dexpanthenol | 250 | 1 | 1.22 | 1.22 |
| 6. Hydroxocobalamin | 1 | 1 | 0.31 | 0.31 |
| 7. B-Complex 100 | \* | 1 | 2.04 | 2.04 |
| 8. Ascorbic acid | 500 mg | 10 | 5.94 | 59.4 |
| 9. SW |  | 250 | 0 | 0 |
| 10. Taurine | 50 | 2 | .53 | 1.06 |
| **Totals:** |  | **284** |  | **98.12** |

**\*B-Complex 100:**Thiamine HCl 100 mg/ml, Riboflavin-5-PO4 2 mg/ml, Pyridoxine HCl 2 mg/ml, Dexpanthenol 2 mg/ml, Niacinamide100 mg/ml

# Est. Treatment time: 60 minutes Desired push rate:

# Final osmolarity: 345.39 /L Administer

# Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

### Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_

**(*initials*)**

**Progress Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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### Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV TREATMENT RECORD**

**Today’s Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

# Protocol: Immune I.V. push – Use 60 ml syringe

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium chloride 20% | 200 | 5 | 2.95 | 14.75 |
| 2. Calcium chloride, 10% | 100 | 3 | 0.68 | 2.04 |
| 3. Selenium | 200 mcg | 2 | 0.0014 | 0.0028 |
| 4. Pyridoxine | 100 | 1 | 1.46 | 1.46 |
| 5. Dexpanthenol | 250 | 1 | 1.22 | 1.22 |
| 6. Hydroxocobalamin | 1 | 1 | 0.31 | 0.31 |
| 7. B-Complex 100 | \* | 1 | 2.04 | 2.04 |
| 8. Ascorbic acid | 500 | 4 | 5.94 | 23.76 |
| 9. SWI USP |  | 42 | 0 | 0 |
|  |  |  |  |  |
| **Totals:** |  | **60** |  | **45.6** |

**\*B-Complex 100:**Thiamine HCl 100 mg/ml, Riboflavin-5-PO4 2 mg/ml, Pyridoxine HCl 2 mg/ml, Dexpanthenol 2 mg/ml, Niacinamide100 mg/ml

# A separate push of 3-5 mL dilute (1:500) HCl may be administered after the Immune Push protocol. If this is done flush the butterfly with 2 mL n.s. prior to removing the butterfly needle.

# Est. Treatment time: 20-30 minutes Desired push rate: 1 ml every 20-30 seconds

# Final osmolarity: 760 mOsm/L Administer with 23g Butterfly set

# Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

### Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_

**(*initials*)**

**Progress Notes:**

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### Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Immune Support I.V. drip with Dilute HCl**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium chloride, 20% | 200 | 6 | 2.95 | 17.76 |
| 2. Selenium | 200 mcg | 2 | 0.0014 | 0.0028 |
| 3. Zinc sulfate | 5 | 2 | 0.18 | 0.36 |
| 4. Dexpanthenol | 250 | 2 | 1.22 | 2.44 |
| 5. Pyridoxine | 100 | 2 | 1.46 | 2.92 |
| 6. Hydroxocobalamin | 1 | 2 | 0.31 | 0.62 |
| 7. B-Complex 100 | \* | 2 | 2.04 | 4.08 |
| 8. Ascorbic acid | 500 | 30 | 5.94 | 178.2 |
| 9. 0.45% Saline |  | 500 | 0.155 | 77.5 |
|  |  |  |  |  |
| **Totals:** |  | **548** |  | **255.7** |
| **IVP (IV Push)** |  |  |  |  |
| Glutathione | 200 | 5 | 1.97 | 9.85 |
| SWI |  | 5 | 0 | 0 |
| **Totals:** |  | 10 |  | 9.85 |

**\*B-Complex 100:** Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**5 mL or 10 mL 1:500 HCl pushed through IV set “Y” port (circle volume) : Stop drip during push and push at a rate not to exceed 2 mL/minute**

**Note: Infections may benefit from 100 mg L-Threonine essential for thymus function**

**Viral infections may benefit from 100 mg L-Lysine; 5 mL Thymus extract may also be beneficial**

**Est. Treatment time: 2-3 hours Check infusion method below:**

**Final osmolarity: 466 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 4-6 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (mL/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



IV Treatment Record

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Multivitamin and Mineral**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Calcium chloride 10% | 100 | 3 | 2.04 | 6.12 |
| 2. Magnesium chloride 20% | 200 | 15 | 2.95 | 44.25 |
| 3.Potassium Chloride | 2 mEq | 10 | 4.0 | 40.0 |
| 4. Selenium | 200 mcg | 1 | 0.0014 | 0.0014 |
| 5. MTE-4 | \* | 2 | 0.13 | 0.26 |
| 6. Molybdenum | 25 mcg | 5 | 0.80 | 4.0 |
| 7. Dexpanthenol | 250 | 1 | 1.22 | 1.22 |
| 8. Pyridoxine | 100 | 1 | 1.46 | 1.46 |
| 9. Hydroxocobalamin | 1 | 2 | 0.31 | 0.62 |
| 10. B-complex 100 | **\*\*** | 2 | 2.04 | 4.08 |
| 11. Folinic Acid | 10 | 1 | 0.33 | 0.33 |
| 12. Ascorbic Acid | 500 | 15 | 5.94 | 89.1 |
| 13. SWI |  | 500 | 0 | 0 |
| **Totals:** |  | **558** |  | **191.44** |

**\*MTE-4:**Chromium 4 mcg/mL, Copper 0.4 mg/mL, Manganese 0.1 mg/mL, Zinc 1 mg/mL

**\*\*B-Complex 100:**Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**Est. Treatment time: 2 hours Check the infusion method below!**

**Final osmolarity: 343 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



IV Treatment Record

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Mega C Antiviral**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Calcium chloride, 10% | 100 | 4 | 0.68 | 2.72 |
| 2. Magnesium chloride 20% | 200 | 10 | 2.95 | 29.5 |
| 3. Selenium | 200 mcg | 2 | 0.0014 | 0.0028 |
| 4 Zinc chloride | 10 | 1 | 0.18 | 0.18 |
| 5 Pyridoxine | 100 | 2 | 1.46 | 2.92 |
| 6 Dexpanthenol | 250 | 1 | 1.22 | 1.22 |
| 7 Hydroxocobalamin | 1 | 2 | 0.31 | 0.62 |
| 8 B-complex 100 | \* | 2 | 2.04 | 4.08 |
| 9. Sodium bicarbonate | 8.4% | 5 | 2.0 | 10.0 |
| 10. Ascorbic Acid | 500 | 100 | 5.94 | 594 |
| 11. Potassium Chloride | 2mEq | 3 | 4.0 | 12 |
| 12. Lysine | 100 mg/ml | 4 | 6.5 | 26 |
| 12. SWI USP |  | 1000 | 0 | 0 |
| **Totals:** |  | **1636** |  | **683** |

**\*B-Complex 100:**Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**Technical Notes:**

1. **Ascorbic acid dose may be started at 25 grams and increased as the patient tolerates to the full 50 grams. Before dosing greater than 10 grams, it is advisable to run a RBC G6PD level to avoid hemolytic anemia in susceptible patients.**
2. **High doses of vitamin C may be soporific to some patients and may cause hypoglycemia! Encourage patients to drink water and have protein snacks during treatment.**
3. **Infections may benefit from 100mg of L-Threonine, 2ml, essential for thymus function. 5-10 ml thymus extract is useful for viral infections.**

**Est. Treatment time: 3-4 hours Check the infusion method below!**

**Final osmolarity: 601 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 3-4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_**



IV Treatment Record

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Cachexia-Malnutrition**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Calcium chloride, 10% | 100 | 3 | 2.04 | 6.12 |
| 2. Magnesium chloride 20% | 200 | 6 | 2.95 | 17.71 |
| 3. Selenium | 200 mcg | 2 | 0.0014 | 0.0028 |
| 4. Potassium chloride | 2 mEq | 10 | 4.0 | 40 |
| 5. Zinc chloride | 10 | 1 | 0.18 | 0.18 |
| 6. Manganese | 2 | 0.25 | 0.01 | 0.025 |
| 7. Molybdenum | 25 mcg | 4 | 0.8 | 3.2 |
| 8. Pyridoxine | 100 | 3 | 1.46 | 4.38 |
| 9. Dexpanthenol | 250 | 2 | 1.22 | 2.44 |
| 10. Hydroxocobalamin | 1 | 3 | 0.31 | 0.93 |
| 11. B-complex 100 | 100 | 3 | 2.04 | 6.12 |
| 12. Plenamine | 15% | 65 | 1.38 | 89.7 |
| 13. Sterile Water for injection |  | 400 | 0 | 0 |
|  |  |  |  |  |
| **Totals:** |  | **507** |  | **171** |

**\*B-Complex 100:**Thiamine HCl 100 mg/ml, Riboflavin-5-PO4 2 mg/ml, Pyridoxine HCl 2 mg/ml, Dexpanthenol 2 mg/ml, Niacinamide100 mg/ml

**Note: This is a 1.5% amino acid solution.**

**Est. Treatment time: 1.5-2.5 hours Check the infusion method below!**

**Final osmolarity: 296 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 4-6 ml/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_**



IV Treatment Record

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Tissue and Wound Healing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Selenium | 200 mcg | 2 | 0.0014 | 0.0028 |
| 2. Zinc chloride | 10 | 2 | 0.18 | 0.36 |
| 3. Magnesium chloride | 200 | 4 | 2.95 | 11.8 |
| 5. Dexpanthenol | 250 | 2 | 1.22 | 2.44 |
| 6. Pyridoxine | 100 | 2 | 1.46 | 2.92 |
| 6. B-complex 100 | 100 | 2 | 1.44 | 2.88 |
| 7. Ascorbic acid | 500 | 10 | 5.94 | 59.4 |
| 8. Proline | 50 | 5 | 0.43 | 2.15 |
| 9. Lysine | 100 | 3 | 6.5 | 19.5 |
| 10. Glycine | 25 | 5 | 6.2 | 31 |
| 11. Taurine | 50 | 5 | 0.53 | 2.65 |
| 12. SWI |  | 250 | 0 | 0.0 |
|  |  |  |  |  |
| **Totals:** |  | **292** |  | **135** |
| **IVP (IV Push)** |  |  |  |  |
| Glutathione | 200 | 3 | 1.97 | 6.18 |
| SWI |  | 3 |  | 0 |
|  |  | 6 |  | 6.18 |

**\*B-Complex 100:** Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**Est. Treatment time: 1-1.5 hours Check the infusion method below!**

**Final osmolarity: 462 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 4-5 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Initials \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Arrhythmia**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium chloride | 200 | 10 | 2.95 | 29.5 |
| 2. Manganese chloride | 2 | 1 | 0.87 | 0.87 |
| 3. Potassium chloride | 2 meq | 5 | 4.0 | 20.0 |
| 4. Selenium | 200 mcg | 1 | 0.0025 | 0.0025 |
| 5. L-Taurine | 50 | 5 | 0.44 | 2.2 |
| 6. L-Carnitine | 100 | 2 | 0.72 | 1.44 |
| 7. 0.45% Sodium Chloride |  | 150 | 0.16 | 24 |
| Totals |  | 174 |  | 78 |

**Est. Treatment time: 45-60 minutes Check infusion method below:**

**Final osmolarity: 448 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 3-4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (mL/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Hydrogen Peroxide**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium sulfate | 500 mg | 1-5 | 4.06 | 4.06-20.3 |
| 2. Manganese sulfate or chloride | 2 mg | .5-1 | 0.87 | .435-.870 |
| 3. Hydrogen peroxide 3% |  | 0.5-3 | 0 | 0 |
| 4. Normal Saline 0.9% |  | 250 | 0.31 | 77.5 |
|  |  |  |  |  |
| Opt: DMSO 50% | 500 | 1-10 | 0.01 | 0.01-0.10 |
| **Totals:** |  |  |  |  |

**\*\*B-Complex 100:**Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**Technical notes:**

1. **Start patient on hydrogen peroxide dose of 0.5-1 ml initially. Increase volume by 0.5-1 ml per treatment until the full dose of 3 ml is obtained. Increase dose only if patient tolerates well with no adverse effects.**
2. **Do not administer this protocol at a rate that is faster than recommended as adverse effects may occur.**
3. **Do not add ascorbic acid to this formula, it is not compatible.**
4. **Opt: DMSO can increase efficacy of this treatment in pulmonary conditions.**

**5 mL or 10 mL 1:500 HCl pushed through IV set “Y” port (circle volume) : Stop drip during push and push at a rate not to exceed 2 mL/minute**

**Est. Treatment time: 1.5-2 hours Check the infusion method below!**

**Final osmolarity:\_\_\_\_ mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 2-3 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Phosphatidylcholine PTC**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. PTC | 35-50 mg | \*\* | 0.3 |  |
| 2. D5W 5% Dextrose in Water |  | 250 | 0.25 |  |
|  |  |  |  |  |
| Glutathione IVP | 200 | \*\*\* | 2.06 |  |
|  |  |  |  |  |
| **Totals:** |  | **594** |  | **681** |

**Note: This solution may be cloudy. Make sure PTC and D5W are both at room temperature before mixing, this will reduce the tendency to any cloudy precipitate.**

**\*\* For cardiovascular, liver and neurologic disease use the schedule below.**

**Treatment No 1: 10 mL PTC**

**Treatment No 2: 17.5 mL PTC**

**Treatment No 3-20: 25 mL PTC**

**\*\*\* Glutathione should be diluted with an equal volume SWI USP and mixed well prior to push. The osmolarity value listed above is for glutathione, 200 mg/mL PF. Start with 600 mg and increment dose to a maximum of 3600 mg.**

**Est. Treatment time: 1.5 hours Check the infusion method below!**

**Final osmolarity: Approx. Iso-osmolar 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 3-4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

# Protocol: Asthma IV Push

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium sulfate | 500 | 4 | 4.06 | 16.24 |
| 2. Calcium gluconate | 100 | 2 | 0.68 | 1.44 |
| 3. Dexpanthenol | 250 | 1 | 1.66 | 1.66 |
| 4. Pyridoxine | 100 | 1 | 1.46 | 1.46 |
| 5. Hydroxocobalamin | 1 | 1 | 0.31 | 0.31 |
| 6. B- Complex | 100 | 1 | 2.04 | 2.04 |
| 7. Taurine | 50 | 2 | 0.53 | 1.06 |
| 8. Plenamine 15% |  | 5 | 1.38 | 6.9 |
| 9. Sterile water |  | 11 | 0 | 0 |
| **Totals:** |  | **29** |  | **36.13** |
| **IVP (IV Push)** |  |  |  |  |
| Glutathione | 200 | 5 | 1.97 | 9.85 |
| SWI |  | 5 | 0 | 0 |
| **Totals:** |  | **10** |  | **9.85** |

**\*B-Complex 100:**Thiamine HCl 100 mg/ml, Riboflavin-5-PO4 2 mg/ml, Pyridoxine HCl 2 mg/ml, Dexpanthenol 2 mg/ml, Niacinamide100 mg/ml

# Technical Note: Push this solution slowly to avoid adverse magnesium infusion rate related effects.

# Est. Treatment time: 26 minutes Desired push rate: 1 ml every 45 seconds

# Final osmolarity: 803 mOsm/L Administer with 23g Butterfly set

# Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

### Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_

**(*initials*)**

**Progress Notes:**

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### Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



IV Treatment Record

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Asthma IV Drip**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium sulfate | 500 | 6 | 4.06 | 24.36 |
| 2. Calcium gluconate | 100 | 3 | 0.68 | 2.04 |
| 3. Dexpanthenol | 250 | 2 | 1.66 | 3.32 |
| 4. Pyridoxine | 100 | 2 | 1.46 | 2.92 |
| 5. Hydroxocobalamin | 1 | 2 | 0.31 | 0.62 |
| 6. B- Complex | 100 | 1 | 2.04 | 2.04 |
| 7. Taurine | 50 | 3 | 0.53 | 1.59 |
| 8. Plenamine 15% |  | 35 | 1.38 | 48 |
| 9. 0.45% Saline |  | 450 | 0.16 | 72 |
| **Totals:** |  | **504** |  | **152.89** |
| **IVP (IV Push)** |  |  |  |  |
| Glutathione | 200 | 5 | 1.97 | 9.85 |
| SWI |  | 5 | 0 | 0 |
| **Totals:** |  | **10** |  | **9.85** |

**\*\*B-Complex 100:**Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

Consider adding Molybdenum 2-5 ml (after work up of MTHFR and sulfur levels)

**Est. Treatment time: 2-3 hours Check the infusion method below!**

**Final osmolarity: 304 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 3-4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**



**IV Treatment Record**

**Today’s date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Patient Name: Date of Birth:**

**Protocol: Asthma IV Drip #2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nutrient** | **mg/mL** | **mL** | **mOsm/mL** | **mOsm\*vol** |
| 1. Magnesium sulfate | 500 | 6 | 4.06 | 24.36 |
| 2. Calcium gluconate | 100 | 3 | 0.68 | 2.04 |
| 3. Dexpanthenol | 250 | 2 | 1.66 | 3.32 |
| 4. Pyridoxine | 100 | 2 | 1.46 | 2.92 |
| 5. Hydroxocobalamin | 1 | 10 | 0.31 | 3.10 |
| 6. B- Complex | 100 | 1 | 2.04 | 2.04 |
| 7. Taurine | 50 | 3 | 0.53 | 1.59 |
| 8. Arginine | 100 | 4 | 1.42 | 5.68 |
| 9. 0.45% Saline |  | 250 | 0.16 | 40 |
|  |  |  |  |  |
| **Totals:** |  | **286** |  | **95.35** |
| **IVP (IV Push)** |  |  |  |  |
| Glutathione | 200 | 5 | 1.97 | 9.85 |
| SWI |  | 5 | 0 | 0 |
| **Totals:** |  | **10** |  | **9.85** |

**\*\*B-Complex 100:**Thiamine HCl 100 mg/mL, Riboflavin-5-PO4 2 mg/mL, Pyridoxine HCl 2 mg/mL, Dexpanthenol 2 mg/mL, Niacinamide100 mg/mL

**Est. Treatment time: 2-3 hours Check the infusion method below!**

**Final osmolarity: 333 mOsm/L 23g Butterfly set:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Desired drip rate: 3-4 mL/min 24g Angiocath:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cath tip OK on removal:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Site of injection:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV started:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IV Started By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Time IV finished:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vital signs before IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Resp\_\_\_\_\_\_\_\_\_\_\_ Temp\_\_\_\_\_\_\_\_\_\_\_ Taken By:\_\_\_\_\_\_\_\_**

**(*initials*)**

**Vital signs after IV Tx. : BP\_\_\_\_\_\_\_\_\_\_\_ Pulse\_\_\_\_\_\_\_\_\_\_\_ Taken by: \_\_\_\_\_\_\_\_\_\_**

**(*initials*)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Check the following at specified times:** | **Start of Tx.** | **10 mins** | **30 mins** | **1 hour** | **2 hours** | **3 hours** | **3 ½ hours** |
| Drip rate (ml/min.) |  |  |  |  |  |  |  |
| Check line for leaks, bubbles |  |  |  |  |  |  |  |
| Check the site for infiltration, swelling, bleeding |  |  |  |  |  |  |  |

**Progress Notes:**

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**Number of Treatments Received: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nurse/Tech signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Doctors signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Initials: \_\_\_\_\_\_\_\_\_\_\_\_\_**