

Rapid Sulfamethoxazole-Trimethoprim Desensitization Protocol - IV or Oral [3780]

Patient must be in ICU setting with continuous monitoring.

Notify Physician

Notify Physician

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| <input checked="" type="checkbox"/> Notify physician if patient needs treatment with any PRN medication due to a reaction to the desensitization protocol. | Routine, Until discontinued, Starting S, Notify physician if patient needs treatment with any PRN medication for a reaction to the desensitization protocol. |
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Nursing

Monitoring Parameters:

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| <input checked="" type="checkbox"/> Vital signs - T/P/R/BP | Routine, As needed Vitals prior to each dose of desensitization protocol |
| <input checked="" type="checkbox"/> Maintain IV access | Routine, Until discontinued, Starting S Maintain IV access at all time, Start Normal Saline (0.9%) at a rate of 20 mL/hr if previous access has not been established |
| <input checked="" type="checkbox"/> Have code blue cart readily available prior to starting desensitization orders. | Routine, Once For 1 Occurrences Have code blue cart readily available prior to starting desensitization orders. |

IV Fluids

Start Normal Saline (0.9%) at 20 mL/hr if previous IV access has not been established

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| <input type="checkbox"/> sodium chloride 0.9 % infusion | intravenous, at 20 mL/hr, continuous Maintain IV access at all times. |
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Medications

Sulfamethoxazole-Trimethoprim (BACTRIM) Desensitization - Oral or Intravenous Protocols (Single Response)

() Sulfamethoxazole-Trimethoprim (BACTRIM) Desensitization Orders - Oral Solutions

"Followed by" Linked Panel

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| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.0002 mg, oral, once, Starting H+60 Minutes, For 1 Doses Dose 1 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.0006 mg, oral, once, Starting H+90 Minutes, For 1 Doses Dose 2 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.0018 mg, oral, once, Starting H+120 Minutes, For 1 Doses Dose 3 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.006 mg, oral, once, Starting H+150 Minutes, For 1 Doses Dose 4 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.018 mg, oral, once, Starting H+180 Minutes, For 1 Doses Dose 5 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.001 mg/mL) oral solution - desensitization soln A | 0.06 mg, oral, once, Starting H+210 Minutes, For 1 Doses Dose 6 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.08 mg/mL) oral solution - desensitization soln B | 0.2 mg, oral, once, Starting H+240 Minutes, For 1 Doses Dose 7 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.08 mg/mL) oral solution - desensitization soln B | 0.6 mg, oral, once, Starting H+270 Minutes, For 1 Doses Dose 8 |
| <input type="checkbox"/> sulfamethoxazole-trimethoprim (0.08 mg/mL) oral solution - desensitization soln B | 1.8 mg, oral, once, Starting H+300 Minutes, For 1 Doses Dose 9 |

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| [] sulfamethoxazole-trimethoprim (0.08 mg/mL) oral solution - desensitization soln B | 6 mg, oral, once, Starting H+330 Minutes, For 1 Doses Dose 10 |
| [] sulfamethoxazole-trimethoprim (8 mg/mL) oral solution - desensitization soln C | 18.4 mg, oral, once, Starting H+360 Minutes, For 1 Doses Dose 11 |
| [] sulfamethoxazole-trimethoprim (8 mg/mL) oral solution - desensitization soln C | 60 mg, oral, once, Starting H+390 Minutes, For 1 Doses Dose 12 |
| [] sulfamethoxazole-trimethoprim (8 mg/mL) oral solution - desensitization soln C | 120 mg, oral, once, Starting H+420 Minutes, For 1 Doses Dose 13 |
| [] sulfamethoxazole-trimethoprim (8 mg/mL) oral solution - desensitization soln C | 240 mg, oral, once, Starting H+450 Minutes, For 1 Doses Dose 14 |
| [] sulfamethoxazole-trimethoprim (8 mg/mL) oral solution - desensitization soln C | 320 mg, oral, once, Starting H+13 Hours, For 1 Doses Dose 15 |
| () Sulfamethoxazole-Trimethoprim (BACTRIM) Desensitization Orders - IV Solutions | "Followed by" Linked Panel |
| [] sulfamethoxazole-trimethoprim (0.0064 mg/mL) IV piggyback - desensitization bag 1 | 0.0032 mg, intravenous, at 2 mL/hr, for 15 Minutes, once, Starting H+60 Minutes, For 1 Doses Dose #1: Begin Bag 1 (Dose = 0.0032 mg (VTBI = 0.5 mL)) infusion at 2mL/hr for 15 minutes, then increase rate to 5mL/hr on the next order using this same bag 1. |
| [] sulfamethoxazole-trimethoprim (0.0064 mg/mL) IV piggyback - desensitization bag 1 | 0.008 mg, intravenous, at 5 mL/hr, for 15 Minutes, once, Starting H+75 Minutes, For 1 Doses Dose #2: Continue Bag 1 (Dose = 0.008 mg (VTBI = 1.25 mL)) infusion at 5mL/hr for 15 minutes, then increase rate to 10mL/hr on the next order using this same Bag 1. |
| [] sulfamethoxazole-trimethoprim (0.0064 mg/mL) IV piggyback - desensitization bag 1 | 0.016 mg, intravenous, at 10 mL/hr, for 15 Minutes, once, Starting H+90 Minutes, For 1 Doses Dose #3: Continue Bag 1 (Dose = 0.016 mg (VTBI = 2.5 mL)) infusion at 10mL/hr for 15 minutes, then increase rate to 20mL/hr on the next order using this same Bag 1. |
| [] sulfamethoxazole-trimethoprim (0.0064 mg/mL) IV piggyback - desensitization bag 1 | 0.032 mg, intravenous, at 20 mL/hr, for 15 Minutes, once, Starting H+105 Minutes, For 1 Doses Dose #4: Continue Bag 1 (Dose = 0.032 mg (VTBI = 5 mL)) infusion at 20mL/hr for 15 minutes, then STOP this infusion. Start next infusion using Bag 2. |
| [] sulfamethoxazole-trimethoprim (0.064 mg/mL) IV piggyback - desensitization bag 2 | 0.08 mg, intravenous, at 5 mL/hr, for 15 Minutes, once, Starting H+120 Minutes, For 1 Doses Dose #5: Begin Bag 2 (Dose = 0.08 mg (VTBI = 1.25 mL)) infusion at 5mL/hr for 15 minutes, then increase rate to 10mL/hr on the next order using this same Bag 2. |
| [] sulfamethoxazole-trimethoprim (0.064 mg/mL) IV piggyback - desensitization bag 2 | 0.16 mg, intravenous, at 10 mL/hr, for 15 Minutes, once, Starting H+135 Minutes, For 1 Doses Dose #6: Continue Bag 2 (Dose = 0.16 mg (VTBI = 2.5 mL)) infusion at 10mL/hr for 15 minutes, then increase rate to 20mL/hr on the next order using this same Bag 2. |
| [] sulfamethoxazole-trimethoprim (0.064 mg/mL) IV piggyback - desensitization bag 2 | 0.32 mg, intravenous, at 20 mL/hr, for 15 Minutes, once, Starting H+150 Minutes, For 1 Doses Dose #7: Continue Bag 2 (Dose = 0.32 mg (VTBI = 5 mL)) infusion at 20mL/hr for 15 minutes, then increase rate to 40mL/hr on the next order using this same Bag 2. |
| [] sulfamethoxazole-trimethoprim (0.064 mg/mL) IV piggyback - desensitization bag 2 | 0.64 mg, intravenous, at 40 mL/hr, for 15 Minutes, once, Starting H+165 Minutes, For 1 Doses Dose #8: Continue Bag 2 (Dose = 0.64 mg (VTBI = 10 mL)) infusion at 40mL/hr for 15 minutes, then STOP this infusion. Start next infusion using Bag 3. |
| [] sulfamethoxazole-trimethoprim (0.64 mg/mL) IV piggyback - desensitization bag 3 | 1.6 mg, intravenous, at 10 mL/hr, for 15 Minutes, once, Starting H+180 Minutes, For 1 Doses Dose #9: Begin Bag 3 (Dose = 1.6 mg (VTBI = 2.5 mL)) infusion at 10mL/hr for 15 minutes, then increase rate to 20mL/hr on the next order using this same Bag 3. |

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| [] sulfamethoxazole-trimethoprim (0.64 mg/mL) IV piggyback - desensitization bag 3 | 3.2 mg, intravenous, at 20 mL/hr, for 15 Minutes, once, Starting H+195 Minutes, For 1 Doses Dose #10: Continue Bag 3 (Dose = 3.2 mg (VTBI = 5 mL)) infusion at 20mL/hr for 15 minutes, then increase rate to 40mL/hr on the next order using this same Bag 3. |
| [] sulfamethoxazole-trimethoprim (0.64 mg/mL) IV piggyback - desensitization bag 3 | 6.4 mg, intravenous, at 40 mL/hr, for 15 Minutes, once, Starting H+210 Minutes, For 1 Doses Dose #11: Continue Bag 3 (Dose = 6.4 mg (VTBI = 10 mL)) infusion at 40mL/hr for 15 minutes, then increase rate to 80mL/hr on the next order using this same Bag 3. |
| [] sulfamethoxazole-trimethoprim (0.64 mg/mL) IV piggyback - desensitization bag 3 | 147.5 mg, intravenous, at 80 mL/hr, for 173 Minutes, once, Starting H+225 Minutes, For 1 Doses Dose #12: Continue Bag 3 (Dose = 147.5 mg (VTBI = 230.47 mL)) infusion at 80mL/hr for 173 minutes, then STOP this infusion. |

If patient develops a mild reaction such as itching, flushing, hives, self-limiting rash, or nausea with normal vital signs while undergoing desensitization, stop the medication and give:

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| [X] diphenhydrAMINE (BENADRYL) injection | 25 mg, intravenous, once PRN, mild desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
| [X] hydrOXYzine (ATARAX) tablet | 25 mg, oral, once PRN, itching, mild desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
| [X] fexofenadine (ALLEGRA) tablet | 60 mg, oral, once PRN, allergies, mild desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
| [X] Famotidine (PEPCID) IV/PO | "Or" Linked Panel |
| [X] famotidine (PEPCID) tablet | 20 mg, oral, once PRN, heartburn, mild desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. May crush and give per nasogastric tube if needed. Give the tablet if the patient can tolerate oral medication. |
| [X] famotidine (PEPCID) injection | 20 mg, intravenous, once PRN, mild desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. Use injection if patient cannot tolerate oral medication or requires a faster onset of action. Per Med Staff Policy, R.Ph. will automatically switch IV to equivalent PO dose when above approved criteria are satisfied: |

If patient develops a moderate reaction such as mild dyspnea or angioedema with normal vital signs, while undergoing desensitization stop the medication and give:

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| [X] diphenhydrAMINE (BENADRYL) injection | 50 mg, intravenous, once PRN, moderate desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
| [X] methylPREDNISolone sodium succinate (Solu-MEDROL) injection | 40 mg, intravenous, once PRN, moderate desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |

If patient develops a severe reaction such as hypotension, throat swelling, wheezing/respiratory distress, or decreased oxygen saturation with normal vital signs while undergoing desensitization, stop the medication and treat immediately with:

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| [X] epINEPhrine (ADRENALIN) 1 mg/1 mL injection | 0.3 mg, intramuscular, once PRN, anaphylaxis, severe desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
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| [X] famotidine (PEPCID) injection | 20 mg, intravenous, once PRN, severe desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. Per Med Staff Policy, R.Ph. will automatically switch IV to equivalent PO dose when above approved criteria are satisfied: |
| [X] Supplemental Oxygen for severe reaction | STAT, Once For 1 Occurrences Give supplementary oxygen by facial mask and place the patient in a recumbent position for severe reaction. Notify provider if oxygen was used to manage a reaction to the desensitization protocol. |
| [X] methylPREDNISolone sodium succinate (Solu-MEDROL) injection | 60 mg, intravenous, once PRN, severe desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. |
| [X] albuterol (PROVENTIL) nebulizer solution | 5 mg, nebulization, every 30 min PRN, wheezing, severe desensitization reaction Notify provider if this medication is used to manage a reaction to the desensitization protocol. Aerosol Delivery Device: Hand-Held Nebulizer |

Labs

Respiratory

Additional Orders