

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| ampicillin 6000 mg Continuous | Patient Label |
| Total Daily Dose: 6000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 1000 mg | 3.5 mL | 250 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 6000 mg / approximate concentration 250 mg/mL = 24 mL

MIXING DIRECTIONS:

Add 24 mL of reconstituted drug to 500 mL of NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 24 mL = 524 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

524 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 513 mL

RATE OF ADMINISTRATION:

513 mL (total volume for drug administration) / 24 hours = 21.4 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.4 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 524 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|---------------------------------|--------------------------|
| ampicillin 12000 mg Continuous | Patient Label |
| Total Daily Dose: 12000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 1000 mg | 3.5 mL | 250 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 12000 mg / approximate concentration 250 mg/mL = 48 mL

MIXING DIRECTIONS:

Add 48 mL of reconstituted drug to 1000 mL of NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 48 mL = 1048 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1048 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1037 mL

RATE OF ADMINISTRATION:

1037 mL (total volume for drug administration) / 24 hours = 43.2 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 43.2 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1048 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| ceFAZolin 2000 mg Continuous | Patient Label |
| Total Daily Dose: 2000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 2.5 mL | 334 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 2000 mg / approximate concentration 334 mg/mL = 6 mL

MIXING DIRECTIONS:

Add 6 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 6 mL = 506 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

506 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 495 mL

VOLUME PER DOSE:

495 mL (total volume for drug administration) / 24 hours = 20.6 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 20.6 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 506 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| ceFAZolin 3000 mg Continuous | Patient Label |
| Total Daily Dose: 3000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 2.5 mL | 334 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 3000 mg / approximate concentration 334 mg/mL = 9 mL

MIXING DIRECTIONS:

Add 9 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 9 mL = 509 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

509 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 498 mL

VOLUME PER DOSE:

498 mL (total volume for drug administration) / 24 hours = 20.8 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 20.8 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 509 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| ceFAZolin 6000 mg Continuous | Patient Label |
| Total Daily Dose: 6000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 2.5 mL | 334 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 6000 mg / approximate concentration 334 mg/mL = 18 mL

MIXING DIRECTIONS:

Add 18 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 18 mL = 518 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

518 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 507 mL

VOLUME PER DOSE:

507 mL (total volume for drug administration) / 24 hours = 21.1 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.1 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 518 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| cefTAZidime 3000 mg Continuous | Patient Label |
| Total Daily Dose: 3000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 10 mL | 100 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 3000 mg / approximate concentration 100 mg/mL = 30 mL

MIXING DIRECTIONS:

Add 30 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 30 mL = 530 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

530 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 519 mL

VOLUME PER DOSE:

519 mL (total volume for drug administration) / 24 hours = 21.6 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.6 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 530 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| cefTAZidime 6000 mg Continuous | Patient Label |
| Total Daily Dose: 6000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 10 mL | 100 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 6000 mg / approximate concentration 100 mg/mL = 60 mL

MIXING DIRECTIONS:

Add 60 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 60 mL = 560 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

560 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 549 mL

VOLUME PER DOSE:

549 mL (total volume for drug administration) / 24 hours = 22.9 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 22.9 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 560 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| cloxacillin 8000 mg Continuous | Patient Label |
| Total Daily Dose: 8000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 3.4 mL | 250 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 8000 mg / approximate concentration 250 mg/mL = 32 mL

MIXING DIRECTIONS:

Add 32 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 32 mL = 532 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

532 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 521 mL

VOLUME PER DOSE:

521 mL (total volume for drug administration) / 24 hours = 21.7 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.7 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 532 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|---------------------------------|--------------------------|
| cloxacillin 10000 mg Continuous | Patient Label |
| Total Daily Dose: 10000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 1000 mg | 3.4 mL | 250 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 10000 mg / approximate concentration 250 mg/mL = 40 mL

MIXING DIRECTIONS:

Add 40 mL of reconstituted drug to 1000 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 40 mL = 1040 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1040 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1029 mL

RATE OF ADMINISTRATION:

1029 mL (total volume for drug administration) / 24 hours = 42.9 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 42.9 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1040 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|---------------------------------|--------------------------|
| cloxacillin 12000 mg Continuous | Patient Label |
| Total Daily Dose: 12000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 1000 mg | 3.4 mL | 250 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 12000 mg / approximate concentration 250 mg/mL = 48 mL

MIXING DIRECTIONS:

Add 48 mL of reconstituted drug to 1000 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 48 mL = 1048 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1048 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1037 mL

RATE OF ADMINISTRATION:

1037 mL (total volume for drug administration) / 24 hours = 43.2 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 43.2 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1048 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| meropenem 2000 mg Continuous | Patient Label |
| Total Daily Dose: 2000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 20 mL | 50 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 2000 mg / approximate concentration 50 mg/mL = 40 mL

MIXING DIRECTIONS:

Add 40 mL of reconstituted drug to 500 mL of NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 40 mL = 540 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

540 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 529 mL

VOLUME PER DOSE:

529 mL (total volume for drug administration) / 24 hours = 22 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 22 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 540 mL

Program an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| meropenem 3000 mg Continuous | Patient Label |
| Total Daily Dose: 3000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 20 mL | 50 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 3000 mg / approximate concentration 50 mg/mL = 60 mL

MIXING DIRECTIONS:

Add 60 mL of reconstituted drug to 500 mL of NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 60 mL = 560 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

560 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 549 mL

VOLUME PER DOSE:

549 mL (total volume for drug administration) / 24 hours = 22.9 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 22.9 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 560 mL

Program an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--|--------------------------|
| penicillin G 16 MU Continuous | Patient Label |
| Total Daily Dose: 16 MU (million units) | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 5 MU | 8.2 mL | 0.5 MU/mL |

DRUG VOLUME REQUIRED:

Daily dose 16 MU / approximate concentration 0.5 MU/mL = 32 mL

MIXING DIRECTIONS:

Add 32 mL of reconstituted drug to 1000 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 32 mL = 1032 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1032 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1021 mL

RATE OF ADMINISTRATION:

1021 mL (total volume for drug administration) / 24 hours = 42.5 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 42.5 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1032 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--|--------------------------|
| penicillin G 18 MU Continuous | Patient Label |
| Total Daily Dose: 18 MU (million units) | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 5 MU | 8.2 mL | 0.5 MU/mL |

DRUG VOLUME REQUIRED:

Daily dose 18 MU / approximate concentration 0.5 MU/mL = 36 mL

MIXING DIRECTIONS:

Add 36 mL of reconstituted drug to 1000 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 36 mL = 1036 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1036 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1025 mL

RATE OF ADMINISTRATION:

1025 mL (total volume for drug administration) / 24 hours = 42.7 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 42.7 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1036 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--|--------------------------|
| penicillin G 24 MU Continuous | Patient Label |
| Total Daily Dose: 24 MU (million units) | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of SWI to add per vial | Approximate concentration |
|-------------------|-------------------------------|---------------------------|
| 5 MU | 8.2 mL | 0.5 MU/mL |

DRUG VOLUME REQUIRED:

Daily dose 24 MU / approximate concentration 0.5 MU/mL = 48 mL

MIXING DIRECTIONS:

Add 48 mL of reconstituted drug to 1000 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 1000 mL + 48 mL = 1048 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

1048 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 1037 mL

RATE OF ADMINISTRATION:

1037 mL (total volume for drug administration) / 24 hours = 43.2 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 43.2 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 1048 mL

Note: program includes an extra 3 h after last dose

STABILITY: 24 hours refrigerated. Place bag in insulated pouch with frozen ice pack on each side of bag.

Change ice pack every 8 hours

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with on CADD Solis VIP pump

| | |
|--|--------------------------|
| pip-TAZO 9 g Continuous (piperacillin-tazobactam 9 g) | Patient Label |
| Total Daily Dose: 9000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 4500 mg | 20 mL | 194 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 9000 mg / approximate concentration 194 mg/mL = 46 mL

MIXING DIRECTIONS:

Add 46 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 46 mL = 546 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

546 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 535 mL

VOLUME PER DOSE:

535 mL (total volume for drug administration) / 24 hours = 22.3 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 22.3 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 546 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--|--------------------------|
| pip-TAZO 13.5 g Continuous (piperacillin-tazobactam 13.5 g) | Patient Label |
| Total Daily Dose: 13500 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 4500 mg | 20 mL | 194 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 13500 mg / approximate concentration 194 mg/mL = 70 mL

MIXING DIRECTIONS:

Add 70 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 70 mL = 570 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

570 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 559 mL

VOLUME PER DOSE:

559 mL (total volume for drug administration) / 24 hours = 23.3 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 23.3 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 570 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--|--------------------------|
| pip-TAZO 18 g Continuous (piperacillin-tazobactam 18 g) | Patient Label |
| Total Daily Dose: 18000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 4500 mg | 20 mL | 194 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 18000 mg / approximate concentration 194 mg/mL = 93 mL

MIXING DIRECTIONS:

Add 93 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 93 mL = 593 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

593 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 582 mL

VOLUME PER DOSE:

582 mL (total volume for drug administration) / 24 hours = 24.3 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 24.3 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 593 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| vancomycin 1000 mg Continuous | Patient Label |
| Total Daily Dose: 1000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 20 mL | 50 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 1000 mg / approximate concentration 50 mg/mL = 20 mL

MIXING DIRECTIONS:

Add 20 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 20 mL = 520 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

520 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 509 mL

VOLUME PER DOSE:

509 mL (total volume for drug administration) / 24 hours = 21.2 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.2 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 520 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with on CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| vancomycin 1250 mg Continuous | Patient Label |
| Total Daily Dose: 1250 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 20 mL | 50 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 1250 mg / approximate concentration 50 mg/mL = 25 mL

MIXING DIRECTIONS:

Add 25 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 25 mL = 525 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

525 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 514 mL

VOLUME PER DOSE:

514 mL (total volume for drug administration) / 24 hours = 21.4 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 21.4 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 525 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____

For use with on CADD Solis VIP pump

| | |
|--------------------------------|--------------------------|
| vancomycin 2000 mg Continuous | Patient Label |
| Total Daily Dose: 2000 mg | |

RECONSTITUTION:

Follow the reconstitution instructions for the brand and vial size being used
 Ensure final concentration is the same as below and if not contact your pharmacy department.

| Strength per vial | Volume of diluent to add per vial | Approximate concentration |
|-------------------|-----------------------------------|---------------------------|
| 1000 mg | 20 mL | 50 mg/mL |

DRUG VOLUME REQUIRED:

Daily dose 2000 mg / approximate concentration 50 mg/mL = 40 mL

MIXING DIRECTIONS:

Add 40 mL of reconstituted drug to 500 mL of D5W or NS

TOTAL VOLUME OF ADMIXTURE:

Total volume = 500 mL + 40 mL = 540 mL

PRIMING VOLUME: 8 mL

KVO VOLUME: 1 mL/h x 3 h [after last dose] = 3 mL

TOTAL VOLUME FOR DRUG ADMINISTRATION:

540 mL (total volume of admixture) – 8 mL (priming) – 3 mL (KVO) = 529 mL

VOLUME PER DOSE:

529 mL (total volume for drug administration) / 24 hours = 22 mL/h

PROGRAM (volume rounded to the nearest integer, rate to first decimal place)

Infuse 22 mL/h continuously over 24 hours

KVO = 1 mL/h

Total volume of admixture = 540 mL

Program an extra 3 h after last dose

STABILITY: 24 hours at room temperature.

Program prepared by:

Pump Biomedical Number: _____

Date Treatment Started: _____

Verification Signature: _____

Verification Signature: _____