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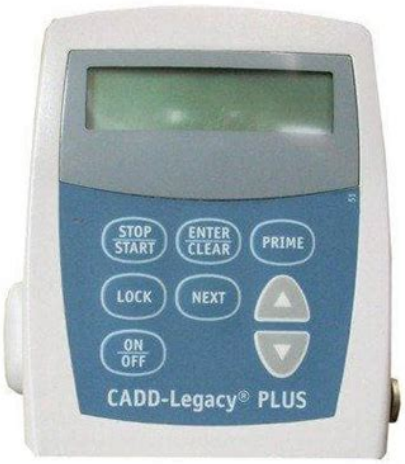
- **cadd legacy manual, cadd legacy pump manual, cadd legacy plus manual, cadd legacy pca manual, cadd legacy service manual, cadd legacy 1 manual, cadd legacy 6500 manual, cadd legacy 6300 manual, cadd legacy 1400 manual, cadd legacy duodopa manual, cadd legacy manual, cadd legacy manual, cadd legacy manual, cadd pump legacy plus manual, cadd legacy 1 manual, cadd legacy pump manual.**

40This Technical Manual is intended to provide. Computerized Ambulatory Drug DeliveryManuals should be used in conjunction withThis manual also outlines cleaning and functional testing procedures that can be performedDo not permit patientsDo not disclose toFor that reason, ALL SERVICING ANDInstructions for Use for the pump accessories;Deltec or those authorized by Deltec. Limited Warranty. The limited warranty associated with theIf you wish to receive additional informationAll recommendations, information, and literature supplied by Deltec with respect to theNo agent, representative, or employee of DeltecExposure to Radiation, Ultrasound or. Magnetic Resonance Imaging MRI,Dosage. Epidural administration is limited to use withClinician BolusDemand Doses. Continuous RatePCA Delivery Profile. The PCA patientcontrolled analgesia deliveryTime. Figure 1. PCA mode delivery profile. Continuous Mode Delivery Profile. The Continuous delivery mode allows theDelivery. RateTime. Continuous Delivery. Figure 2. Continuous mode delivery profile. Dose Cycle. Dose. Volume. StartsDose. Duration. Time. Intermittent Delivery. Figure 3. Intermittent mode delivery profile.The Intermittent delivery mode allows theThreaded. Mounting. Hole. Display. Power Jack. Power JackAccessory. Jack. Accessory. Jack Symbol. AC Indicator. Light. Battery. Compartment. Air Detector. Cassette Lock. Keypad. Dose Key on. Front View. Cassette. Rear ViewUnits. Starting. IncrementConcentration. Values between 0.01 and 0.5. Values between 0.50 and 100.0. Values between 100.0 and 1000.0. Values greater than 1000.0Concentration. Values between 0.1 and 100. Values between 100 and 1000. Values greater than 1000Table 1. PCA delivery mode continuous rate scroll ranges. Milligrams. Concentration. Demand Dose Clinician BolusMicrograms. Concentration Demand Dose. Clinician BolusMilliliters. Demand DoseSpecifications Nominal. High Pressure Alarm. General Pump Specifications. Air Detector Alarm. Single bubble.http://bulllakevfd.org/userfiles/dewalt-dw090k-manual.xml

ResolutionSizeWeightReservoir, and air detector, excluding otherPump Alarms. Low battery power; depleted batteryBolus Volume at Occlusion Alarm Pressure. DanaFarber assumes no liability for inaccuracies that may result from using this thirdparty tool, which is for website translation and not clinical interactions. You may request a live medical interpreter for a discussion about your care. DanaFarber assumes no liability for inaccuracies that may result from using this thirdparty tool, which is for website translation and not clinical interactions. You may request a live medical interpreter for a discussion about your care.If you are a DanaFarber patient and need assistance after hours or on weekends, an InfuSystem nurse is available at 8003153287. Put on purple gloves. Unscrew pump tubing clear connector from blue cap on portacath needle. Place end of clear tubing in open alcohol prep pad to prevent droplets of chemotherapy from spilling. Holding syringe with tip up gently push out any air bubbles Connect heparin syringe and instill heparin 5 cc. Clamp needle tubing then remove syringe. Place portacath needle in red sharps container. For example, this could happen from a loose connection, if the tubing is damaged, or if the Huber needle falls out from your port. Clothing or contaminated bed linens should be washed separately from the regular laundry in hot water with detergent. Exposure to chemotherapy can be harmful to anyone exposed. Follow Chemobloc Spill Kit according to the directions. If you do have a chemotherapy spill that needsFollow the directions inside to dispose of paper towels or cloths you may of used. Use the yellow waste bag. Operator s Manual. Model 1400 Read the entire operator s manual before operating the pump. 2 3 This manual pertains only to the CADDLegacy 1400 pump. There are other CADDLegacy pump models available; review the rear label of the pump to ensure it is a CADDLegacy 1400 pump before programming.

This pump is designed for enteral delivery of medication and can be programmed to deliver a continuous rate, a morning dose, and extra doses. This manual is intended for clinician use only. Do not permit patients to have access to this manual. The pump has 3 security levels designed to limit patient access. Do not disclose the pump s security codes or any other information that would allow inappropriate access to programming and operating functions. The issue date of this operator s manual is included on the back cover for the clinician s information. In the event one year has elapsed between the issue date and product use, the clinician should contact Smiths Medical to see if a later revision of this manual is available. Technical Assistance If you have comments or questions concerning the operation of the CADDLegacy 1400 pump, please call the number given below. When calling, please specify the pump s software revision. This information is located on the pump s display during power up. Our staff at Smiths Medical is available to help clinicians 24 hours a day with the programming and operation of the CADDLegacy 1400 pump. Smiths Medical ASD, Inc Grey Fox Road St. Paul, MN USA Tel USA Tel iii 4 Read this entire operator s manual before operating the

CADD Legacy 1400 pump. Failure to follow the warnings and cautions below could result in return of symptoms, damage to the pump, serious injury, or death in extreme cases. Please refer to the full prescribing information for DUOPA carbidopa and levodopa enteral suspension for indications and usage, contraindications, warnings, precautions, and adverse reactions. Warnings This operator s manual should be used by clinicians only. Do not permit patients to have access to this manual, as the information contained would allow the patient complete access to all programming and operating functions. Improper programming could compromise patient treatment.



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To avoid explosion hazard, do not use the pump in the presence of flammable anesthetics or explosive gases. The CADDLegacy 1400 pump and medication cassette reservoir are designed for enteral delivery of medication only. They are NOT intended for IV or other parenteral routes of infusion. Do not disclose to the patient the pump s security codes or any other information that would allow the patient complete access to all programming and operating functions. Always have new batteries available for replacement. If power is lost, nondelivery of medication will occur. If the pump is dropped or hit, the battery door or tabs may break. Do not use the pump if the battery door or tabs are damaged because the batteries will not be properly secured; this may result in loss of power and nondelivery of medication. If a gap is present anywhere between the battery door and the pump housing, the door is not properly latched. If the battery door becomes detached or loose, the batteries will not be properly secured; this could result in loss of power and nondelivery of medication.Programming the pump at a delivery rate other than what is prescribed will cause over or underdelivery of medication. Use only approved DUOPA medication cassette reservoirs to maintain pump accuracy and assure proper pump operations. Use only extension sets approved for use with DUOPA, paying particular attention to all warnings and cautions associated with their use. Attach the cassette properly. The cassette is the part of the medication cassette reservoir that attaches to the pump. A detached or improperly attached cassette could result in unintended delivery of medication. Do not prime the fluid path with the tubing connected to a patient as this could result in overdelivery of medication. If the pump is dropped or hit, inspect the pump for damage. Do not use a pump that is damaged or is not functioning properly, as this could compromise patient treatment.

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The use of power supplies and a remote dose cord other than those listed in the electromagnetic emissions declaration may result in increased emissions or decreased immunity of the pump. The pump should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the user should verify normal operation of the pump in the configuration in which it is to be used. There are potential health hazards associated with improper disposal of batteries, electronics, and contaminated used reservoirs and extension sets. Dispose of used batteries, reservoirs, extension sets and other used accessories, or a pump that has reached the end of its useful life, in an environmentally safe manner, and according to any regulations that may apply.Do not operate the pump at temperatures below 2 C 36 F or above 40 C 104 F. Do not store the pump at temperatures below 20 C 4 F or above 60 C 140 F. Do not store the pump with the medication cassette reservoir attached. Use the protective cassette provided. Do not expose the pump to humidity levels below 20% or above 90% relative humidity. Do not sterilize the pump or medication cassette reservoir as this could cause damage. When the upstream occlusion sensor is turned off, the pump will not detect occlusions in the medication cassette reservoir. Periodically inspect the medication cassette reservoir for decreasing volume. Undetected occlusions could result in under or nondelivery of medication. Do not use rechargeable NiCd or nickel metal hydride NiMH batteries. Do not use carbon zinc heavy duty batteries. They do not provide sufficient power for the pump to operate properly. Do not store the pump for prolonged periods of time with the batteries installed. Battery leakage could damage the pump. Prior to starting medication delivery, inspect the fluid path for kinks, a closed clamp, or other obstruction.

An extra dose or morning dose could be requested and delivered immediately upon starting the pump, which may result in overdelivery of medication. Do not immerse the pump in cleaning fluid or water. Do not allow solution to soak into the pump, accumulate on the keypad, or enter the battery compartment. Moisture buildup inside the pump may damage the pump.Do not expose the pump to ther apeutic levels of ionizing radiation as permanent damage to the pump s electronic circuitry may occur. The best procedure to fol low is to remove the pump from the patient during therapeutic radia tion sessions. If the pump must remain in the vicinity during a ther apy session, it should be shielded, and its ability to function properly should be confirmed following treatment. Do not expose the pump directly to ultrasound, as permanent damage to the electronic circuitry may occur. Do not use the pump in the vicinity of magnetic resonance imaging MRI equipment as magnetic fields may adversely affect the operation of the pump. Remove the pump from the patient during MRI procedures and keep it at a safe distance from magnetic energy. This pump may interfere with ECG equipment. Monitor ECG equipment carefully when using this pump. CADDLegacy 1400 pumps are sealed units. All service and repair of CADDLegacy 1400 pumps must be performed by Smiths Medical or its authorized agents. Review programming screens when complete to make sure desired programming has been entered. Check to make sure unintended changes were not made to the morning dose, continuous rate, or extra dose volume. If unintended changes were made, go to the appropriate screen and program the desired value. Cleaning the Pump and Accessories.45 Exposure to Radiation, Ultrasound, Magnetic Resonance Imaging MRI, or Use near ECG Equipment.47 Continuous Rate Scroll Ranges Extra Dose, Morning Dose Scroll Ranges Technical Description.49 Specifications Nominal.

50 Accuracy Test Results Electromagnetic Emissions and Immunity Declarations Safety Features and Fault Detection Software Safety Features.62 Data Handling Software Safety Features.63 Annual Functional Inspection Collect Separately Limited Warranty.65 Index.67 Appendix A Pump Programming Quick Reference for Healthcare Providers 71 x 11 Section 1 General Description 1.0 General Description Introduction The CADD Legacy 1400 pump provides enteral delivery of medication to patients in hospital or outpatient settings. Therapy should always be overseen by a physician or a certified, licensed healthcare professional. As appropriate to the situation, the patient should be instructed in using and troubleshooting the pump. General Description Indications The CADDLegacy 1400 pump is indicated solely for the enteral delivery of medication contained in a medication cassette reservoir supplied by AbbVie. The medication cassette reservoir attaches to the bottom of the pump. WARNING The CADDLegacy 1400 pump and medication cassette reservoir are designed for enteral delivery of medication only. Use of this product for medications or therapies outside the intended use can result in death or serious patient injury. Refer to AbbVie s full

prescribing information for DUOPA carbidopa and levodopa enteral suspension for indications and usage, contraindications, warnings, precautions, and adverse reactions. 1 12 Section 1 General Description Symbols General Description O f K J E Direct current power jack Accessory jack Caution Class II equipment Type CF equipment Splashproof water splashed against the pump housing will have no harmful effects see Cleaning the Pump and Accessories, Section 5, for additional important information.

https://www.andeanskyline.com/wp-content/plugins/formcraft/file-upload/server/content/files/1626f3b1673eed---bosch-vision-500-washer-manual.pdf

Collect separately Temperature limitation Humidity limitation Atmospheric pressure limitation MR Unsafe 2 13 Section 1 General Description Pump Diagram Front View Display Power Jack Accessory Jack AC Indicator Light General Description Not used in this application Do not place tubing in slot Keypad Medication Cassette Reservoir Rear View Power Jack symbol Accessory Jack symbol Battery Compartment Cassette Latch 3 14 Section 1 General Description Description of the Keys, Display, and Features General Description AC Indicator Light The green indicator light is on when you are using the AC adapter to power the pump. Display The liquid crystal display LCD shows programming information and messages. In this manual, the term display is synonymous with display panel or LCD. Keypad The keys on the keypad are described below. It is also used to return from the biomed functions to the main screen see Section 4.When the pump is stopped, it is used to view or change the pump s current lock level. Lock levels are used to limit patient access to certain programming and operating functions. See Lock Levels, this section. used to move from one programming screen to the next without changing the setting or value displayed; silences alarms. used to scroll up or increase a value, or scroll through biomed function settings.You may plug an AC adapter into the power jack as an alternate source of power. The indicator light on the front of the pump will illuminate when the AC adapter is in use. General Description Accessory Jack The accessory jack is used for attaching accessory cables. See the instructions for use supplied with those accessories. Medication Cassette Reservoir The medication cassette reservoir is the singleuse reservoir designed for use with the CADDLegacy 1400 pump. In this manual and on the pump s display, the word disposable refers to the medication cassette reservoir.

In AbbVie s patient instructions for use, medication cassette reservoir is referred to as DUOPA cassette. Battery Compartment Two AA batteries fit into the battery compartment. The AA batteries serve as the primary source of power, or as backup power when an AC adapter is in use. Cassette Latch The cassette latch attaches the cassette to the pump. The term cassette refers to the part of the medication cassette reservoir that attaches to the bottom of the pump. If the cassette becomes unlatched while the pump is running, delivery will stop and an alarm will occur. If the cassette becomes unlatched while the pump is stopped, an alarm will occur. 5 16 Section 1 General Description General Description Other Features Not Shown Upstream Occlusion Sensor The pump contains an upstream occlusion sensor. This feature may be turned on or off see Section 4, Biomed Functions. When the sensor is turned on, and an occlusion in the reservoir is detected, an alarm will sound, delivery will stop, and the display will show Upstream Occlusion. CAUTION When the upstream occlusion sensor is turned off, the pump will not detect occlusions in the medication cassette reservoir. Downstream Occlusion Sensor The pump contains a downstream occlusion sensor. When a downstream occlusion between the pump and the patient is detected, an alarm will sound, delivery will stop, and the display will show High Pressure. Reservoir Volume Alarm The reservoir volume alarm indicates when the volume of medication in the medication cassette reservoir is low or depleted. Each time you change the medication cassette reservoir, you may reset the reservoir volume to the originally programmed value. Then, as medication is delivered, the reservoir volume automatically decreases. When the pump calculates that 5 ml remain in the medication cassette reservoir, beeps sound and ResVol Low appears on the main screen.

This alarm recurs at every subsequent decrease of 1 ml until the reservoir volume reaches 0 ml, at which point the pump stops and the reservoir volume empty alarm sounds. NOTE The default setting for Reservoir Volume is Not in Use. The reservoir volume alarm is activated only when a value is programmed into the Reservoir Volume screen. Programming a reservoir volume value is not required for general use, but is available at provider discretion. 6 17 Section 1 General Description The Main Screen The main screen is the starting point for programming or viewing the pump s settings. If no keys are pressed for 2 minutes, the display reverts to the main screen. When the two AA batteries are low, LowBat appears on the main screen. When stopped Status of pump STOPPED 7 18 Section 1 General Description General Description Lock Levels Lock levels are used to limit patient access to certain programming and operating functions. The table on the next page lists the functions that are accessible in lock level 0 LL0, lock level 1 LL1, and lock level 2 LL2. When a function is accessible, the key associated with the function beeps when pressed. If a function is not accessible, the pump ignores the key press and a beep does not sound. Section 2, Pump Setup and Programming, describes how to change the lock level. Security Codes The following security codes are preset by the manufacturer for the clinician s use WARNING Do not disclose to the patient the pump s security codes or any other information that would allow the patient complete access to all programming and operating functions. Improper programming could compromise patient treatment. 8 19 Section 1 General Description Lock Level 0 LL0 Table This table lists the operations that are accessible in lock level 0 LL0 while the pump is stopped and running. LL0 permits complete access to all programming and operating functions. LL1 permits limited control of pump programming and operations.

LL2 permits only minimal control of pump operations. No programming is allowed in LL2. 10 21 Section 2 Pump Setup and Programming 2.0 Pump Setup and Programming Installing or Replacing the Batteries Use new, AA alkaline batteries such as DURACELL or EVEREADY ENERGIZER batteries to power the pump. The pump retains all programmed values while the batteries are removed. Dispose of used batteries in an environmentally safe manner, and according to any regulations which may apply. WARNING Always have new batteries available for replacement. If power is lost, nondelivery of medication will occur, which could compromise patient treatment. Do not use the pump if the battery door or tabs are damaged because the batteries will not be properly secured; this may result in loss of power and nondelivery of medication, which could compromise patient treatment. They do not provide sufficient power for the pump to operate properly. 11 22 Section 2 Pump Setup and Programming In order to install or replace the batteries, be sure the pump is Stopped. Then, follow these steps 1. Push down and hold the arrow button while sliding the door off. Pulling on the end of the battery strap will make battery removal easier. 3. Install the new batteries in the compartment, making sure the battery strap is positioned correctly under the batteries. If you put the batteries in backwards, the display will remain blank, and you will not hear a beep. Use two new, AA alkaline batteries to power the pump. You may use any alkaline batteries, including DURACELL Alkaline and EVEREADY ENERGIZER Alkaline, for example. 12 23 Section 2 Pump Setup and Programming 4. Place the battery door over the battery compartment and slide the door closed. 5. Ensure that the door is latched by trying to remove the door without pressing the arrow button. NOTE The powerup sequence will start, the pump will go through an electronic selftest, and the pump will beep 6 times at the end of the powerup sequence.

All of the display indicators, the software revision, and each parameter will appear briefly. If the battery door becomes detached or loose, the batteries will not be properly secured; this could result in loss of power and nondelivery of medication, which could compromise patient treatment. NOTE The life of the batteries is dependent on the amount of medication delivered, delivery rate, battery age, and the temperature. At the rate of 100 ml per day, alkaline batteries will usually last about 7 days. The power of the batteries will be quickly depleted at temperatures below 10 C 50 F. CAUTION Do not store the pump for prolonged periods of time with the batteries installed. Watch

for the following Pump model number and last error code LEC if any, will appear. If an error code appears, the pump should be removed from use and returned for service. The software revision will appear. The display will turn on, showing a series of blocks. Look for any blank areas, which would indicate a faulty display. The display will turn off briefly. The pump s program screens will appear, followed by the current lock level setting. The pump will beep after each screen. If messages appear, see Messages and Alarms Table, Section 5 for further explanation and instruction. When power up is complete, 6 beeps will sound, and the pump will be stopped on the main screen. NOTE To move quickly through the powerup screens, press repeatedly. Make sure the pump is stopped and in lock level 0. To begin programming, start at the main screen and press. If any key other than is pressed, Value not saved will appear. Press to return to the screen being programmed, scroll to the desired value, and press. Press to advance to the next screen. To leave a setting unchanged, press to go to the next screen.

18 29 Section 2 Pump Setup and Programming Delivery Methods WARNING Programming the pump at a delivery rate other than what is prescribed will cause over or underdelivery of medication, which could compromise patient treatment. Please refer to the prescribing information for DUOPA for dosage and administration information. The CADDLegacy 1400 pump offers 3 methods of delivery Continuous rate Extra dose Morning dose The following graph illustrates the combined delivery methods. The continuous rate, extra dose, and morning dose are programmed as described in this section. Descriptions of the screens follow. Programming a reservoir volume value is not required for general use, but is available at provider discretion. If you wish to use the reservoir volume feature, enter the volume of medication contained in the filled medication cassette reservoir. The reservoir volume value decreases as the pump delivers medication or as you prime the tubing. When you change the medication cassette reservoir, reset the reservoir volume value on this screen. If you do not wish to use the reservoir volume feature, scroll down to Not In Use located before 1 and after 9999 in the range of values. The reservoir volume value could be set higher than the capacity of the medication cassette reservoir. If the prescription does not call for a continuous rate, enter zero. NOTE If you intend to run the pump in lock level 1 so the continuous rate can be varied, you should enter the maximum allowable rate while programming in lock level 0. After programming, you may then change to lock level 1 and decrease the rate to its starting value. NOTE If you intend to run the pump in lock level 1 so the extra dose can be varied, you should enter the maximum allowable dose while programming in lock level 0. After programming, you may then change to lock level 1 and decrease the dose to its starting value. The amount shown is rounded to the nearest 0.05 ml.

If this value reaches, it automatically returns to 0 and continues counting. When using the pump s key, the amount of medication used is not included in the Given amount. Other Programming Information The morning dose should be programmed separately following programming of the above. Information on programming the morning dose can be found later in this section. 21 32 Section 2 Pump Setup and Programming Programming Delivery WARNING Programming the pump at a delivery rate other than what is prescribed will cause over or underdelivery of medication, which could compromise patient treatment. Make sure the pump is in LL0. Make sure STOPPED appears on the main screen. Press to begin. 2. Enter the reservoir volume optional not required for general use. Press if you wish to clear the amount given. Press. 6. Review the program. Press repeatedly to review the programming screens. If you need to reprogram a setting, press until the appropriate screen appears and change the setting as described in this section. Programming a Morning Dose To program a morning dose the pump must be running and a medication cassette reservoir must be attached. To program a morning dose 1. Make sure the pump is running and in LL0 or LL1. Start the pump, if necessary. NOTE In LL0, programming in the full range is possible. In LL1, you can program up to the LL0 value.

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