07-2020

Instructions For Use

Vallya®



BICCORP

Helping you keep track of your insulin doses



Ρ.

TABLE OF CONTENTS

2 WARNING & COUTON STORAGE STORAGE <th>1.</th> <th>SYM</th> <th>BOLS IN THIS INSTRUCTIONS FOR USE</th> <th>4</th>	1.	SYM	BOLS IN THIS INSTRUCTIONS FOR USE	4
3. STORAGE 5 DIRECTIONS FOR USE 6 4.1 FEATURES 6 4.2 INTENDED USE 6 5. MALLYA COMPATIBILITES WITH PENS. 7 6. GETTING TO KNOW YOUR MALLYA DEVICE 8 6.1 GETTING STARTED 8 6.2 FEATURES OF YOUR MALLYA 9 6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 7.1 TECNAGE OF AND PACKAGING 10 7.1 TECHNICAL COMPATIBILITIES 11 7.2.1 Select "Get started": 11 7.2.1 Select "Get started": 11 7.2.1 Select "Get started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 7.2.1 Select "Started": 11 12.2 8.1 Plug the powered USB cable into the Mailya micro-USB port. 12 8.1 Plug the powered USB cable into the USB cable. 13 8.2.1 Unplug the Mailya amart base from the USB cable. 13 8.2.1 Unplug the Mail	2.	WAR CTO		. 3
4. DIRECTIONS POR USE 0 4.1 FEATURES 0 4.2 INTENDED USE 0 5. MALLYA COMPATIBILITIES WITH PENS	3.	510		. ວ
4.2 INTENDED USE 6 5. MALLYA COMPATIBILITIES WITH PENS. 6 6. GETTING STARTED 8 6. GETTING STARTED 8 6.1 GETTING STARTED 8 6.2 FEATURES OF YOUR MALLYA 9 6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 7.1 TRANSPORT AND PACKAGING 10 7.1 TECHNICAL COMPATIBILITIES 11 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED 11 7.2.1 Select "det started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video. 11 7.2.1 Select "det started": 12 8.1 CHARGING YOUR MALLYA 12 8.1 Puig the powered USB cable into the Mallya micro-USB port. 12 8.1 CHARGING YOUR MALLYA 13 8.2.1 Unplug the Mallya ED is Slowly flashing orange. 13 8.2.2 Check that the Mallya ED is flashing orange. 13 8.2.3 Slowly tithe Mallya Smart base (de	4.	DIRE		0
4.2 INTENDED USE 5 5 MALLYA COMPATIBILITIES WITH PENS		4.1	FEATURES	. 6
5. MALL YA USINA RIBULINES WITH PENS. 6 6. GETTING STARTED 8 6.1 GETTING STARTED 9 6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 7.1 TECNARGE OF YOUR MALLYA APPLICATION AND GET STARTED. 10 7.1 TECHNICAL COMPATIBILITIES 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select 'Get started': 11 7.2.2 Avideo will guide you through the unboxing steps. Select 'Continue'' to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA 12 8.1 Plug the powered US cable into the Mallya micro-USB port. 12 8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.2.3 Solwy tilt the Mallya Smart base from the USB cable. 13 8.2.4 Contiune tilting a smart base from the USB cable.	_	4.2		6
6. GETTING TO KNOW YOUK MALLYA DEVICE	5.	MALI		. /
6.1 GETTING STARTED 9 6.2 FEATURES OF YOUR MALLYA 9 6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 6.5 TRANSPORT AND PACKAGING 10 7.1 INSTALLING THE MALLYA APPLICATION AND GET STARTED. 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select "Get started": 11 7.2.1 Select "Get started": 11 7.2.1 Select "Get started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA 12 8.1 Plug the powered USB cable into the Mallya micro-USB port. 12 8.1.1 Plug the Mallya smart base from the USB cable. 13 8.2.1 Check that the Mallya LED is slowly flashing green. 12 8.2.2 Check that the Mallya Smart base from the USB cable. 13 8.2.3 Souvy till the Mallya Smart base from the USB cable. 13 8.3.1 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1.1 <t< td=""><td>6.</td><td>GEII</td><td>IING TO KNOW YOOR MALLYA DEVICE</td><td>. 8</td></t<>	6.	GEII	IING TO KNOW YOOR MALLYA DEVICE	. 8
6.2 FEATURES OF YOUR MALLYA 9 6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 6.5 TRANSPORT AND PACKAGING 10 7.1 TECHNICAL COMPATIBILITIES 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED 11 7.2.1 Select "Get started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA 12 8.2 Check that the Mallya E is lowly flashing green 12 8.2 Check that the Mallya Smart base from the USB cable 13 8.2.1 Unplug the Mallya Smart base from the USB cable 13 8.2.3 Slowly illt the Mallya Smart base is dote to CALIBRATE 14 8.3.1.1 <td></td> <td>6.1</td> <td>GETTING STARTED</td> <td>. 8</td>		6.1	GETTING STARTED	. 8
6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS 9 6.4 STORAGE INFORMATION 9 6.5 TRANSPORT AND PACKAGING 10 7.1 TECHNICAL COMPATIBILITIES 10 7.2 DOWNLOAD THE MALLYA APLICATION AND GET STARTED 11 7.2.1 Select "Get started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 7.2.1 Select "Get started": 11 7.2.2 Avideo will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 7.2.1 Select "Get started": 12 8.1 CHARGING YOUR MALLYA 12 8.1 CHARGING YOUR MALLYA 12 8.1.1 Check that the Mallya LED is slowly flashing green 12 8.1.2 Check that the Mallya smart base from the USB cable. 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya smart base os that the clear square plastic window is facing you. 14 8.3.1.1 Hold the Mallya smart base clear square plastic window is facing you. 14 8.3.1.1		6.2	FEATURES OF YOUR MALLYA	. 9
6.4 STORAGE INFORMATION 9 6.5 TRANSPORT AND PACKAGING 10 7. INSTALLING THE MALLYA APPLICATION 10 7.1 TECHNICAL COMPATIBILITES 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED 11 7.2.1 Select "Get started": 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA 12 8.1 CHARGING YOUR MALLYA 12 8.1 Charding FOR YOUR MALLYA 12 8.1 CHARGING YOUR MALLYA 12 8.1 CHARGING YOUR MALLYA 12 8.1 Charding YOUR MALLYA 12 8.2.1 Unplug the Mallya Smart base from the USB cable. 13 8.2.2 Check that the Mallya Smart base ide to side to CALIBRATE 13 8.2.3 Slowly ill the Mallya smart base to the you position the pen dose window, then snap the smart base onto the pen. 14 8.3.1.1 Hold the Malya smart base to the Malya smart base ide of the Malya smart base to help you position the pen the mater base onto the pen dose window. 14 8.3.1.2 A		6.3	WEIGHT AND SIZE OF THE MAIN ELEMENTS	. 9
6.5 TRANSPORT AND PACKAGING 10 7. INSTALLING THE MALLYA APPLICATION 10 7.1 TECHNICAL COMPATIBILITIES 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select "Get started". 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video:		6.4	STORAGE INFORMATION	9
7. INSTALLING THE MALLYA APPLICATION 10 7.1 TECHNICAL COMPATIBILITIES 11 7.2. DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select "Get started": 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8. CARING FOR YOUR MALLYA 12 8.1.1 Plug the powered USB cable into the Mallya micro-USB port. 12 8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.2.1 Unplug the Mallya LED is flashing orange. 13 8.2.2 Check that the Mallya LED is flashing orange. 13 8.2.3 Slowly tilt the Mallya Smart base ide to side to CALIBRATE. 13 8.3.1 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1 HATACHING YOUR MALLYA TO PEN. 14 8.3.1 HATACHING YOUR MALLYA TO PEN. 14 8.3.1 HATACHING SMART BASE TO PEN. 14 8.3.1 HATACHING SMART BASE TO PEN. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2.1 Place and insert the		6.5	TRANSPORT AND PACKAGING	10
7.1 TECHNICAL COMPATIBILITIES 10 7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select "Get started": 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video:	7.	INST	ALLING THE MALLYA APPLICATION	10
7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED. 11 7.2.1 Select "Get started": 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA. 12 8.1.1 Plug the powered USB cable into the Mallya micro-USB port. 12 8.1.2 Check that the Mallya LD is slowly flashing green. 12 8.1.3 Let the battery charge for at least 10 minutes. 12 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya LD is flashing green. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting unil: 13 8.3.1 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1.1 Hold the Mallya smart base cot bat the clear square plastic window is facing you. 14 8.3.1.1 Hold the Mallya smart base cot bat the clear square plastic window is facing you. 14 8.3.1.3 Make sure the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.2.1 Place and insert the Mallya smart base to help		7.1	TECHNICAL COMPATIBILITIES	10
7.2.1 Select "Get started": 11 7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 11 8.1 CHARGING YOUR MALLYA 12 8.1 CHARGING YOUR MALLYA 12 8.1.1 Check that the Mallya LED is slowly flashing green. 12 8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.2.1 Let the battery charge for at least 10 minutes. 12 8.2.2 CALIBRATING YOUR MALLYA 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya smart base side to side to CALIBRATE. 13 8.2.3 Slowly tilt the Mallya smart base so that the clear square plastic window is facing you. 14 8.3.1 Hold the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.2 Align the Mallya smart base vindow is aligned with the pen dose window, then snap the smart base onto the pen. 14 8.3.2.1 Place and insert the Mallya smart base to help you position the pen in the correct orientation. 14 8.3.2.1 Place and insert the Mallya smart base is within 12 inches of your smartphone and select "Start pairing"		7.2	DOWNLOAD THE MALLYA APPLICATION AND GET STARTED	11
7.2.2 A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video: 12 8.1 CHARGING YOUR MALLYA		7.2.1	Select "Get started": 1	11
8.1 CARING FOR YOUR MALLYA 12 8.1.1 Plug the powered USB cable into the Mallya micro-USB port. 12 8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.1.3 Let the battery charge for at least 10 minutes. 12 8.2.1 Unplug the Mallya Samart base form the USB cable. 13 8.2.2 Check that the Mallya LED is flashing orange. 13 8.2.3 Slowly tilt the Mallya samart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.2.4 Continue tilting until: 13 8.3.4 ATTACHING SMART BASE TO PEN. 14 8.3.1 Hold the Mallya smart base so that the clear square plastic window is facing you. 14 8.3.1.2 Align the Mallya smart base window is aligned with the pen dose window. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2.1 Place and insert the Mallya smart base and pare help you position the pen in the correct orientation. 14 8.3.2.1 Place and insert the Mallya smart base is within 12 inches of your smartphone and select "Start pairing". 16 8.4.4 PAIRING YOUR MALLYA 16<		7.2.2	A video will guide you through the unboxing steps. Select "Continue" to watch the Quick Start video:	11
 8.1 CHARGING YOUR MALLYA 8.1.1 Plug the powered USB cable into the Mallya micro-USB port. 8.1.2 Check that the Mallya LED is slowly flashing green. 8.1.3 Let the battery charge for at least 10 minutes. 8.2 CALIBRATING YOUR MALLYA 8.2.1 Unplug the Mallya smart base from the USB cable. 8.2.3 Slowly tilt the Mallya LED is flashing orange. 8.3.4 Continue tilting until: 8.3.1 ATTACHING YOUR MALLYA TO PEN. 8.3.1 ATTACHING YOUR MALLYA TO PEN. 8.3.1 ATTACHING YOUR MALLYA TO PEN. 8.3.1 ATTACHING SMART BASE TO PEN. 8.3.1 ATTACHING SMART BASE to PEN. 8.3.1.2 Align the Mallya smart base of that the clear square plastic window is facing you. 4.4 8.3.1.2 Align the Mallya smart base of the Mallya smart base to help you position the pen in the correct orientation. 4.3.3.1 Make sure the Mallya smart base window is aligned with the pen dose window, then snap the smart base onto the pen. 4.3.2 ATTACHING BUTTON TO PEN. 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 6 8.4.2 Confirm the pen model currently assembled with the Mallya device. 6 8.4.3 Confirm the pen model onto which the Mallya device is assembled. 17 8.4.4 Confirm the pen model currently assembled with the Mallya application on your smartphone. 17 8.4.5 Well done! Your MalLYA. 9.1 SECURTY TEST - PRINING. 9.1.1 Follow the injectable insulin pen Instructio	8.	CARI	ING FOR YOUR MALLYA	12
8.1.1 Plug the powered USB cable into the Mallya micro-USB port. 12 8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.1.3 Let the battery charge for at least 10 minutes. 12 8.2 CALIBRATING YOUR MALLYA 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya LED is flashing orange. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.2.4 Continue tilting until: 13 8.3 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1.1 Hold the Mallya smart base so that the clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.1 Hold the Mallya smart base vindow is aligned with the pen dose window. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 <t< td=""><td></td><td>8.1</td><td>CHARGING YOUR MALLYA</td><td>12</td></t<>		8.1	CHARGING YOUR MALLYA	12
8.1.2 Check that the Mallya LED is slowly flashing green. 12 8.1.3 Let the battery charge for at least 10 minutes. 12 8.2 CALIBRATING YOUR MALLYA. 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya smart base side to side to CALIBRATE. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.3.1 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1 ATTACHING SMART BASE TO PEN. 14 8.3.1.1 Hold the Mallya smart base so that the clear square plastic window is facing you 14 8.3.1.1 Hold the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.3 Make sure the Mallya smart base lead is aligned with the pen dose window. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly mounted onto the pen. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly mounted onto the pen. 14 8.3.2.2 The Mallya smart base LD will flash orange and green when the but		8.1.1	Plug the powered USB cable into the Mallya micro-USB port.	12
8.1.3 Let the battery charge for at least 10 minutes. 12 8.2 CALIBRATING YOUR MALLYA 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya smart base side to Side to CALIBRATE. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.3 ATTACHING YOUR MALLYA TO PEN 14 8.3.1 Hold the Mallya smart base so that the clear square plastic window is facing you. 14 8.3.1.1 Hold the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2 ATTACHING BUTTON TO PEN. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base is within 12 inches of your smartphone and selec		8.1.2	Check that the Mallya LED is slowly flashing green.	12
8.2 CALIBRATING YOUÑ MALLYA. 13 8.2.1 Unplug the Mallya smart base from the USB cable. 13 8.2.2 Check that the Mallya smart base side to side to CALIBRATE. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.3 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1 ATTACHING SMART BASE TO PEN. 14 8.3.1.1 Hold the Mallya smart base othat the clear square plastic window is facing you. 14 8.3.1.2 Align the Mallya smart base othat the clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16		8.1.3	Let the battery charge for at least 10 minutes	12
 8.2.1 Unplug the Mallya smart base from the USB cable. 8.2.2 Check that the Mallya LED is flashing orange. 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 8.2.4 Continue tilting until: 8.3 ATTACHING SUAR T BASE TO PEN. 8.3.1 ATTACHING SMART BASE TO PEN. 8.3.1.1 Hold the Mallya smart base so that the clear square plastic window is facing you. 8.3.1.2 Align the Mallya smart base clear square plastic window is facing you. 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window, then snap the smart base onto the pen. 8.3.2.1 Hold the Mallya smart base dear square plastic window with the pen in the correct orientation. 8.3.2.1 Place and insert the Mallya smart base to help you position the pen in the correct orientation. 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.2 Select "Pair". 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 8.4.4 Confirm the pen model currently assembled with the Mallya application on your smartphone. 17 9. USING YOUR INSULIN PEN WITH MALLYA. 9.1 SECURITY TEST - PRIMING 9.1.2 At the end of the priming step, keep the injection button pressed down. 18 9.1.3 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of the priming step. 19.1.3 You can release the pressure on the button when the green LED stops		8.2	CALIBRATING YOUR MALLYA	13
8.2.2 Check that the Mallya LED is flashing orange. 13 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.3 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1 TTACHING SMART BASE TO PEN. 14 8.3.1.2 Align the Mallya smart base so that the clear square plastic window is facing you 14 8.3.1.2 Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen. 14 8.3.1.3 Make sure the Mallya smart base of the Mallya smart base to help you position the pen in the correct orientation. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.1 Make sure the Mallya at base is now paired with the Mallya device. 16 8.4.2 Select "Pair" 16		8.2.1	Unplug the Maliva smart base from the USB cable	13
8.2.3 Slowly tilt the Mally'a smart base side to side to CALIBRATE. 13 8.2.4 Continue tilting until: 13 8.3 ATTACHING YOUR MALLYA TO PEN. 14 8.3.1 ATTACHING SMART BASE TO PEN. 14 8.3.1.2 Align the Mallya smart base so that the clear square plastic window is facing you. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2.1 Place and insert the Mallya smart base window is aligned with the pen in the correct orientation. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 14 8.3.2.2 The Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.2 Select "Pair" 16 6		8.2.2	Check that the Mallva LED is flashing orange	13
8.2.4 Continue tilting until: 13 8.3 ATTACHING SOUR MALLYA TO PEN 14 8.3.1 ATTACHING SMART BASE TO PEN 14 8.3.1.1 Hold the Mallya smart base so that the clear square plastic window is facing you 14 8.3.1.2 Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.2 ATTACHING BUTTON TO PEN. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen 14 8.3.2.2 The Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.4 PAIRING YOUR MALLYA 16 8.4.1 Make sure the Mallya device is now paired with the Mallya device. 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya appli		8.2.3	Slowly tilt the Mallva smart base side to side to CALIBRATE	13
8.3 ATTACHING YOUR MALLYA TO PEN		8.2.4	Continue tilting until:	13
 8.3.1 ATTACHING SMART BASE TO PEN		8.3	ATTACHING YOUR MALLYA TO PEN	14
 8.3.1.1 Hold the Mallya smart base so that the clear square plastic window is facing you		8.3.1	ATTACHING SMART BASE TO PEN	14
 8.3.1.2 Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 8.3.1.4 A pen symbol is represented on the side of the Mallya smart base to help you position the pen in the correct orientation. 14 8.3.2 ATTACHING BUTTON TO PEN. 8.3.2 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen 14 8.4.4 PAIRING YOUR MALLYA. 8.4.5 Select "Pair" 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model onto which the Mallya device is assembled. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 8.4.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1 SECURITY TEST - PRIMING 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of the priming step. 18 9.1 NJECTION. 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 		8.3.1	1 Hold the Mallya smart base so that the clear square plastic window is facing you	 1⊿
onto the pen. 14 8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 A pen symbol is represented on the side of the Mallya smart base to help you position the pen in the correct orientation. 14 8.2.2 ATTACHING BUTTON TO PEN. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.1 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 14 8.4.4 PAIRING YOUR MALLYA 16 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.2 Select "Pair" 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya application on your smartphone. 17 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. <t< td=""><td></td><td>8.3.1</td><td>2 Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base</td><td>se Se</td></t<>		8.3.1	2 Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base	se Se
8.3.1.3 Make sure the Mallya smart base window is aligned with the pen dose window. 14 A pen symbol is represented on the side of the Mallya smart base to help you position the pen in the correct orientation. 14 8.3.2 ATTACHING BUTTON TO PEN		onto t	the pen	14
A pen symbol is represented on the side of the Mallya smart base to help you position the pen in the correct orientation. 14 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen		831	3 Make sure the Mallya smart hase window is aligned with the pen dose window	1⊿
 ATTACHING BUTTON TO PEN		Δ ner	symbol is represented on the side of the Mally's smart have to help you position the pen in the correct orientation ?	14
 8.3.2.1 Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached. 14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 8.4 PAIRING YOUR MALLYA 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select <i>"Start pairing"</i>: 8.4.2 Select <i>"Pair"</i> 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 8.4.4 Confirm the pen model currently assembled with the Mallya device. 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 9.1 USING YOUR INSULIN PEN WITH MALLYA 9.1 SECURITY TEST - PRIMING 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 9.1.2 At the end of the priming step, keep the injection button pressed down: 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 9.2 INJECTION. 19.2 INJECTION. 		832	ATTACHING BUITTON TO PEN	14
14 8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen		832	Diace and insert the Maliya button over your pen injection button. Make sure the button is properly attache	н ч
8.3.2.2 The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen. 14 8.4 PAIRING YOUR MALLYA 16 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.2 Select "Pair" 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.4 Follow the inject as requested by the drug manufacturer's requirements. 19		0.0.2.		u.
0.5.2.2 The Marya shart base LED will hash orange and green when the button and smart base are properly mounted onto the pen. 14 8.4 PAIRING YOUR MALLYA		000	14	~~
8.4 PAIRING YOUR MALLYA 16 8.4.1 Make sure the Mallya smart base is within 12 inches of your smartphone and select "Start pairing": 16 8.4.2 Select "Pair" 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.2 INJECTION		0.J.Z.	the pop	3U 1⊿
0.4 PAIRING FOOR MALL FA		0 110 1		14
0.4.1 Make sufe the Manya smart base is within 12 incress of your smartphone and select. Start pairing : 16 8.4.2 Select "Pair" 16 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step is flashing, 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 0.4.4 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacture		0.4	PAIRING TOUR MALL IA	10
0.4.2 Select "Pair 10 8.4.3 Choose the insulin pen model onto which the Mallya device is assembled. 16 8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		0.4.1	Make sure the Manya smart base is within 12 incress of your smartphone and select Start pairing :	10
8.4.3 Choose the insulin per model onto which the Mailya device is assembled		8.4.Z	Select "Pair"	10
8.4.4 Confirm the pen model currently assembled with the Mallya device. 16 8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		8.4.3	Choose the insulin per model onto which the Mailya device is assembled	10
8.4.5 Well done! Your Mallya device is now paired with the Mallya application on your smartphone. 17 8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		8.4.4	Confirm the pen model currently assembled with the Maliya device.	16
8.4.6 The injection screen is displayed. 17 9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		8.4.5	Well done! Your Mallya device is now paired with the Mallya application on your smartphone.	17
9. USING YOUR INSULIN PEN WITH MALLYA 18 9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 9.1.3 Volucian release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19	_	8.4.6	The injection screen is displayed.	17
9.1 SECURITY TEST - PRIMING 18 9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 - While Mallya's green LED is flashing, 18 - Until Mallya emits an audible signal (BEEP) signaling the end of the priming step. 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19	9.	USIN	G YOUR INSULIN PEN WITH MALLYA	18
9.1.1 Follow the injectable insulin per Instructions for Use to carry out the priming step. 18 9.1.2 At the end of the priming step, keep the injection button pressed down: 18 - While Mallya's green LED is flashing, 18 - Until Mallya emits an audible signal (BEEP) signaling the end of the priming step. 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 18 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		9.1	SECURITY TEST - PRIMING	18
9.1.2 At the end of the priming step, keep the injection button pressed down: 18 - While Mallya's green LED is flashing, 18 - Until Mallya emits an audible signal (BEEP) signaling the end of the priming step. 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 19		9.1.1	Follow the injectable insulin pen Instructions for Use to carry out the priming step	18
 While Mallya's green LED is flashing,		9.1.2	At the end of the priming step, keep the injection button pressed down:	18
 Until Mallya emits an audible signal (BEEP) signaling the end of the priming step. 18 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted. 18 9.2 INJECTION 19 Check the insulin dose to inject as requested by the drug manufacturer's requirements. 		-	While Mallya's green LED is flashing,	18
 9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted		-	Until Mallya emits an audible signal (BEEP) signaling the end of the priming step.	18
of priming is emitted		9.1.3	You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the er	۱d
9.2 INJECTION		of prii	ming is emitted	18
Check the insulin dose to inject as requested by the drug manufacturer's requirements		9.2	INJECTION	19
		Chec	k the insulin dose to inject as requested by the drug manufacturer's requirements	19

Mallya



	Turn t	the dose knob to select the number of units to inject. The dose indicator should line up with the dose to inject	19
	Press	on the injection button with your thumb until you return to ZERO (complete dose injection)	19
	Keep	the injection button pressed in and the needle in the skin :	19
	-	While the Mallya's green LED is flashing,	19
	-	Until Mallya emits an audible signal (BEEP) signaling the end of the injection.	.19
	You c	an release the pressure on the button and then remove the needle from the skin when the green LED stops flash	ing
	and th	The "BEEP" signaling the end of injection is emitted.	19
10.	~ 4		20
1	0.1		20
1	0.2	MANAGE YOUR RECORDED DATA	21
	10.2.1	Fou can change a «priming» of a «cose» quantity already recorded	21
	10.2.2	2 Fou can change an injection recorded as a "uose" to a "phinning", or a "phinning" to a "dose"	21
	10.2.0	You can add an injection that was not recorded to the history	22
	10.2	 You can add an injection that was not recorded to the instory. You can fill in a dose that was not cantured by the device. 	22
11	10.2.0	OTHER FEATURES OF THE MALLYA APPLICATION	23
1	1 1	GENERATE & REPORT	23
1	1.1	PAIR TWO MALLYA TO YOUR MOBILE APP	24
1	1.2	SETTINGS	25
1	1 4		26
12.		TRANSFERRING MALLYA TO A NEW PEN	27
1	2.1	REMOVE MALLYA FROM THE EMPTY PEN	27
1	2.1.1	Remove the Mallva smart base from the insulin pen. Use your thumb to press on Mallva and to remove	a it
fr	om the	ben	27
1	2.1.2	Then, remove the Mallva knob button from the pen	27
1	2.2	ATTACH YOUR MALLYA TO A NEW PEN	27
1	2.2.1	Injection screen before transferring Mallya onto a new pen:	28
1	2.2.2	Remove Mallya from the empty pen / attach Mallya onto a new pen (smart base and / or button)	28
1	2.2.3	On the next PRIMING or an INJECTION:	28
			28
1	2.3	COLLECT YOUR INJECTION DATA FROM MALLYA AFTER SMARTPHONE DISCONNECTION	30
13.		TROUBLESHOOTING	31
1	3.1	TROUBLESHOOTING MALLYA WITH SMART BASE SIGNALS	31
1	3.2	TROUBLESHOOTING MALLYA WITH THE APPLICATION	33
1	3.3	RESET INSTRUCTIONS	35
	Disas	semble Mallya as indicated step 8.1.	35
	Flip N	fallya over so that you can see the following indications:	35
	lake	the Reset Key:	35
	Insert	the Reset Rey into the nois shown below and WALL until 3 beeps are emitted before removing the key.	35
	inen		35
14.			30
1	4.1		30
1	4.∠ ⁄\ 3		30
1	4.3	GLEANING TOUR MALETA	20
15	4.4		30
13.	5 1		37
1	5.2	SMART RASE I ARELLING	37
1	5.2 5.3	SYMBOLS ON THE DEVICE AND ITS PACKAGING	20
1	5.5 5.4		30
1	5. 4 5.5		20
1	5.6		30
1	57	DISPOSAL	<u>4</u> 0
16		GENERAL INFORMATION	41
17		DISCLAIMER	41

Mallya

IFU_MAL_US_V1.7_July 2020

Page 3|41



1. SYMBOLS IN THIS INSTRUCTIONS FOR USE

Symbol	Meaning	Signification
	WARNING	Improper operation may result in serious injury ^{*1} or death to the user, patient
	CAUTION	Improper operation may result in bodily injury* ² or property damage* ³
	CAUTION	Disconnect the device from power supply before servicing/cleaning
	NOTE	Important information for operation
	CAUTION	Consult the Instructions for Use documents
	CAUTION	Do not use if the packaging is damaged

 Table 1 - Symbols used in this IFU (Instructions for Use)

*1 Serious injury means electrical shock or poisoning that causes a subsequent complication or requires hospitalization or long-term outpatient treatment.

*2 Bodily injury means an injury, burn, electrical shock and so on that will not necessitate hospitalization or long-term outpatient treatment.

*3 Damage to property means extensive damage to a house and/or household goods as well as a domestic animal and pet.

Mallya



2. WARNING & CAUTION

NOTES:

- Mallya must only be used for the intended use described in this Instructions for Use document.
- Read the Quick Start Guide and these Instructions for Use before you use Mallya for the first time. Keep these instructions in a safe place.
- Warning and Caution statements are included throughout this document.



WARNING: improper operation may result in serious injury or death

- If you are not certain that you injected your insulin, do not start or repeat your injection. Monitor your blood glucose as instructed by your healthcare provider.
- Disconnect the USB cable from the USB charging port and disconnect Mallya from the USB cable before using it.
- Mallya must only be paired with a compatible mobile application.
- Mallya has been designed to work with ONE insulin pen. If you unpair your Mallya smart base from the insulin pen, you MUST reselect your insulin pen.
- Do not disassemble, modify or repair the Mallya by yourself. All servicing should be done by a BIOCORP PRODUCTION authorized dealer.
- Do not try to access the internal hardware of your device.
- Never install a mobile application from unofficial stores on your phone.
- Jailbreak or rooted phone exposes it to dangers and will invalidate the Mallya warranty.



CAUTION: improper operation may result in bodily injury or property damage

- The Instructions for Use should be accessible to you at all times and you should read all instructions carefully before using the device.
- Mallya is intended for Over the Counter use and is not a prescription device.
- Mallya is supplied with a USB cable. Use the cable supplied with the device to connect it to a USB power port. Do not use any other cable. Other cables may create problems or interfere with other electronic devices.
- Protect your personal health data by using a password on your smartphone.
- If the device is bumped or dropped, it may malfunction. If it is malfunctioning, please contact a BIOCORP PRODUCTION authorized dealer for technical support.
- Use only neutral cleaning agents. Do not wipe the surface of Mallya with other chemical products or solvents (e.g. acetone) as they can lead to discoloration or deterioration.
- Before disposing of Mallya: reset the device to delete all your personal health data (see step 9.3.)

3. Storage

Store the Mallya at room temperature between 59°F to 95°F (15°C to 35°C). Keep Mallya away from:

- Water
- Pacemakers and defibrillators
- Metallic parts
- Small children. Your Mallya contains small parts that may cause injury or become a choking hazard.

Mallya I



4. DIRECTIONS FOR USE

4.1 FEATURES

Mallya is composed of a smart base and a button that can be mounted on a disposable insulin pen.



Mallya allows you to:

- record the injected selected increment (insulin dose),
- record the day and time when each insulin dose was injected,
- transmit the dose, day/time when each insulin dose was injected to a compatible mobile app. on a bluetooth paired mobile device (smartphone).

The compatible mobile application is then able to display the injected Insulin Selected Dose (ISD) by day/time.

4.2 INTENDED USE

Indications for use:

Mallya can be used either for type I or type II diabetes.

The device is intended to assist patients maintain accurate records of their insulin usage.

The device should not be used by children and women with gestational diabetes.

Contraindications:

There are no known contraindications to the use of Mallya.

Intended Patient population:

Intended users are patients and medical professionals.

Mallya can only be used by patients already familiar with the pen injectors: **Kwikpen[®]** (Eli Lilly), **Solostar[®]** (Sanofi) or **Flexpen[®]** (Novo Nordisk).

Over the Counter (OTC) Medical Device:

Mallya is intended for Over the Counter use and is not a prescription device.

Sterility information:

Mallya is intended to be non-sterile.

Adverse reaction information:

There are no known adverse reactions to the use of Mallya.

Intended use location:

The device is intended for use in a **medical office or at home.**

Mallya 🛛



5. MALLYA COMPATIBILITIES WITH PENS

Make sure your Mallya is compatible with your pen.

MALLYA IS COMPATIBLE	WITH THE PENS WITH THE FOL	LOWING MOLECULES AND
CONCENTRATIONS:		
-	-	-

Mallya for FLEXPEN [®]		Mallya for KWIKPEN [®]		Mallya for SOLOSTAR [®]		
International non- proprietary name		International non- proprietary names	Concentration	International non- proprietary names	Concentration	
INSULIN DETEMIR	100 IU/mL	INSULIN GLARGINE	100 IU/mL	INSULIN GLARGINE	100 IU/mL	
INSULIN ASPART	100 IU/mL	INSULIN LISPRO	100 IU/mL	INSULIN GLARGINE	300 IU/mL	
INSULIN ISOPHANE HUMAN BIOGENETIC	100 IU/mL	INSULIN LISPRO	200 IU/mL	INSULIN LISPRO	100 IU/mL	
		INSULIN ISOPHANE HUMAN BIOGENETIC	100 IU/mL	INSULIN GLULISINE	100 IU/mL	
	INSULIN GLARGINE AND LIXISENATIDE 100 IU/mL + 33 mcg/mL					
EXCLUDED VERSIONS: (MALLYA IS NOT COMPATIBLE WITH THE FOLLOWING INSUL IN PENS)						
		Mallya for K	WIKPEN®	Mallya for SC		
				TOLLEO	®MAX	

Table 2 - Mallya compatibilities with pens

Mallya 🔳



6. GETTING TO KNOW YOUR MALLYA DEVICE

6.1 GETTING STARTED





The shipment box contains the following items. The Part Numbers (PN) vary depending on the Mallya model (Mallya designed for FLEXPEN or KWIKPEN or SOLOSTAR):

Mallya DEVICE:				
I X Mallya SMART BASE For the insulin pen FLEXPEN® NOVO NORDISK: PN: 0273778 For the insulin pen KWIKPEN® ELI LILLY: PN: 0273694 For the insulin pen SOLOSTAR® SANOFI: PN: 0273777				
Applied part For the insulin pen FLEXPEN® NOVO NORDISK:				
Applied part	Applied part For the insulin pen KWIKPEN® ELI LILLY: PN : 0273698			
For the insulin pen SOLOSTAR [®] SANOFI: PN: 0273710				
	Mallya ACCESSORIES:			
1 x USB CABLE	1 x RESET KEY	1 x QUICK START GUIDE		
	Q	CAUTION		
Part Number: B014JOOZFS	Model: B004OQOQQ0 Manufacturer: Bright Sea Industrial. Co	Instructions For Use (reference: IFU_MAL_US) Quick Start Guide (reference: QSG_MAL_US)		
	i able 3 - Maliya box content			

NOTE :

Before you use your Mallya for the first time, you have to charge it. Use the provided USB cable to connect the Mallya smart base to a USB port or outlet. Let it charge for at least 10 minutes.

Mallya I



6.2 FEATURES OF YOUR MALLYA







BICORP

6.3 WEIGHT AND SIZE OF THE MAIN ELEMENTS

Element	Weight	Size
Mallya smart base	0.016 kg	KWIKPEN [®] smart base: (60.8x28.9x21.3) mm FLEXPEN [®] and SOLOSTAR [®] smart bases: (60.8x26.9x21.3) mm
Mallya button	0.006 kg	KWIKPEN [®] button [:] (11.6 x Ø22) mm SOLOSTAR [®] button [:] (24.4 x Ø20) mm FLEXPEN [®] button [:] (26.3 x Ø19.3) mm
Mallya total weight	0.022 kg	

Table 4 - Weight and size of the main elements

6.4 STORAGE INFORMATION

	Temperature	Atmospheric pressure	Relative humidity
Transport	−10°C to +40°C (14°F < T° < 104°F)	500 hPa to 1060 hPa	10% to 90%
Storage	−10°C to +40°C (14°F < T° < 104°F)	800 hPa to 1060 hPa	10% to 90%
Operating	+15°C to +35°C (59°F < T° < 95°F)	800 hPa to 1060 hPa	30% to 70%

Table 5 - Storage information

Mallya 🔳



6.5 TRANSPORT AND PACKAGING

- The device must be transported and stored in its original packaging. Storage and transport conditions need to meet conditions described in the previous *step 2.4.*
- Keep the original packaging in case of return or transport of device.
- Check if there is any damage to the packaging. If the packaging is damaged, there is a possibility that the device is also damaged. Please notify the carrier if any damage is found and report it to the manufacturer.



CAUTION:

Do not use Mallya if the packaging is damaged.

- Leave the device in a room for 30 minutes before unpacking to ensure there is no condensation.

NOTE :

Keep all original packaging for future use. The system must always be transported in its original packaging specially designed to protect it against damage.

7. INSTALLING THE MALLYA APPLICATION

Mallya connects your insulin pen to your smartphone!

Use the Mallya smartphone application to keep track of your insulin doses.

7.1 TECHNICAL COMPATIBILITIES

The list of smartphones validated by BIOCORP and compatible with the Mallya application Version 1.7.0 is shown below:

SMARTPHONE MODEL	COMPATIBLE OPERATING SYSTEM
Samsung Galaxy S9	Android 10.0
Samsung Galaxy S8 Plus	Android 9.0
Samsung Galaxy S6	Android 7.0
Honor 10	Android 8.1
Huawei P20 Lite	Android 8.0
Huawei Mate 10 Lite	Android 8.0
LG V30	Android 8.0
iPhone SE	
iPhone 6s	
iPhone 6s Plus	
iPhone 7	
iPhone 7 Plus	iOS13
iPhone 8	
iPhone 8 Plus	
iPhone X	
iPhone XR	
iPhone 11	

Table 6 - Mallya application technical compatibilities

This list represents the list of smartphones and associated operating systems that have been tested and validated by BIOCORP. This list is not exhaustive.

Mallya I

IFU_MAL_US_V1.7_July 2020

Page 10 | 41



7.2 DOWNLOAD THE MALLYA APPLICATION AND GET STARTED

Download the Mallya application from:



Once installed, select the following icon to open up the application:



The first time you open the application, the Mallya application terms of service screen is displayed. Please read the Mallya application terms of use before accepting them and confirming your choice.

before accepting them and confirming your choice.

The privacy policy screen is then displayed: make sure you understand it before accessing the "Get Started" screen.



The next screens will guide you through the 4 operations required to start up your Mallya:

- Switch on (as explained in step *4.1. Charging your Mallya*)
- Calibrate (as explained in step 4.2. Calibrating your Mallya)
- Assemble (as explained in step 4.3. Assembling your Mallya to the insulin pen)
- Pair (as explained in the following step *4.4. Pairing your Mallya*)

🕅 allya 🔳

IFU_MAL_US_V1.7_July 2020

Page 11 | 41

BICCORP

8. CARING FOR YOUR MALLYA

8.1 CHARGING YOUR MALLYA

NOTE:

Mallya must be charged before first-time use.



- Mallya is supplied with a USB cable. Do not use any other cable. Use the cable supplied with the device to connect it to a USB power port.
- You cannot use your Mallya for an injection while it is connected to a USB power port and charging.
 - **8.1.1** Plug the powered USB cable into the Mallya micro-USB port.
 - **8.1.2** Check that the Mallya LED is slowly flashing green.
 - **8.1.3** Let the battery charge for at least 10 minutes.



NOTES:

- Fully recharging the battery takes approximately 2 hours. When the battery is fully charged, the green LED will turn off.
- Optimal autonomy is reached when Mallya's battery is fully charged. You can then use Mallya for at least 2 weeks.

Mallya 🛛



8.2 CALIBRATING YOUR MALLYA 8.2.1 Unplug the Mallya smart base from the USB cable. 8.2.2 Check that the Mallya LED is flashing orange. 8.2.3 Slowly tilt the Mallya smart base side to side to CALIBRATE. Mally 8.2.4 Continue tilting until: The smart base beeps and the \checkmark LED light turns green. \checkmark Then the light will turn off. Mallya

Mallya

IFU_MAL_US_V1.7_July 2020

Page 13 | 41

BICCORP

8.3 ATTACHING YOUR MALLYA TO PEN



The Mallya smart base and button must be correctly attached onto the pen, otherwise, data will not be transferred.

8.3.1 ATTACHING SMART BASE TO PEN

- **8.3.1.1** Hold the Mallya smart base so that the clear square plastic window is facing you
- **8.3.1.2** Align the Mallya smart base clear square plastic window with the pen dose window, then snap the smart base onto the pen.
- **8.3.1.3** Make sure the Mallya smart base window is aligned with the pen dose window.

NOTE:

A pen symbol is represented on the side of the Mallya smart base to help you position the pen in the correct orientation.

8.3.2 ATTACHING BUTTON TO PEN

- **8.3.2.1** Place and insert the Mallya button over your pen injection button. Make sure the button is properly attached.
- **8.3.2.2** The Mallya smart base LED will flash orange and green when the button and smart base are properly mounted onto the pen.



E, 0

Mallya

IFU_MAL_US_V1.7_July 2020

Page 14 | 41





The Mallya smart base LED remains orange if:

- the clear square plastic window of the Mallya smart base and the dose window of the pen are not correctly aligned,
- or, the Mallya knob is not pushed on enough.

In this case, it is necessary to: - Re-adjust (re-align) the windows,





- or, push on the knob, until the Mallya smart base LED flashes green and orange.





8.4 PAIRING YOUR MALLYA

To pair the Mallya device to the BIOCORP Mallya application, follow the steps indicated below:



Mallya 🛛

IFU_MAL_US_V1.7_July 2020

Page 16 | 41





Your insulin pen can now be used as usual and Mallya will track your insulin intake.

NOTE:

When Mallya is paired and correctly attached to the injection pen: the LED is green.







9. USING YOUR INSULIN PEN WITH MALLYA

NOTE :

Once Mallya is attached to the insulin pen, the pen should be used just like a normal insulin pen. Refer to the manufacturer's injector pen Instructions for Use.

9.1 SECURITY TEST - PRIMING

Always perform a priming (safety test) before each injection to ensure that:

✓ Your pen and the needle are working properly,

✓ The right dose of insulin will be injected.

If you do NOT perform the priming, you may receive too much or too little insulin (refer to the manufacturer's injector pen Instructions for Use).

9.1.1 Follow the injectable insulin pen Instructions for Use to carry out the priming step.

- **9.1.2** At the end of the priming step, keep the injection button pressed down:
 - While Mallya's green LED is flashing,
 - Until Mallya emits an audible signal (BEEP) signaling the end of the priming step.



If the liquid does not come out of the needle tip during the safety test, do not use the pen and refer to the manufacturer's injector pen Instructions for Use for more information to solve the problem.

9.1.3 You can release the pressure on the button when the green LED stops flashing and the "BEEP" signaling the end of priming is emitted.

The Mallya application will automatically detect a "priming" if:

You are priming 1 or 2 unit(s), and

> You perform your insulin injection just after the priming step (within 2 minutes)

If the time interval between the two consecutive injections exceeds 2 minutes, the application will automatically detect an injection instead of a priming.

NOTE :

You can always change an injection recorded as a "dose" to a "priming", or a "priming" to a "dose" in case it has not been suitably categorized. Please refer to *step 6.2.2.*





9.2 INJECTION



If you are not certain that you injected your insulin, do not start or repeat your injection. Monitor your blood glucose as instructed by your healthcare provider.

Check the insulin dose to inject as requested by the drug manufacturer's requirements.

Turn the dose knob to select the number of units to inject. <u>The dose indicator should</u> <u>line up with the dose to inject.</u>

Press on the injection button with your thumb until you return to ZERO (complete dose injection)

Keep the injection button pressed in and the needle in the skin :

- While the Mallya's green LED is flashing,
- Until Mallya emits an audible signal (BEEP) signaling the end of the injection.



You can release the pressure on the button and then remove the needle from the skin when the green LED stops flashing and the <u>"BEEP" signaling the end of injection is emitted.</u>



If you do not see ZERO ("0") in the pen dose window: it indicates that the full dose has not been injected.

The Mallya application will automatically detect an injection:



The information corresponding to the injected dose is displayed: dose, day and time.





10. MANAGING RECORDED DATA

Once data is transferred from a paired compatible Mallya, you can display and manage any recorded data using the Mallya application as follows:

10.1 DISPLAY OF THE RECORDED DATA

Select the injection screen:



"Doses" or "Priming" injections are then displayed as follows:

	•		
No SIM 🗢	10:16 AM Mallya ● <i>Lantus</i> ®	81% 👀	
	Ready	~	
E Re	port July 30, 2020	- Add entry	
10:15 🛛	м	40 _{IU} >	←
10:15 🗚	м	4 _{IU} >	DOSE
10:15 🗚	м	30ıu >	
10:13 🗚	м	2010 >	
10:13 AM (Priming	>	
Log	Devices	? Help	

The Insulin Dose information is displayed:

- Type of injection: "priming" or "dose"
- Injection day and time
- Insulin dialed **dose** (in International Unit)
- **Color indicator** of the injected insulin type or concentration



IFU_MAL_US_V1.7_July 2020

Page 20 | 41

BICCORP

10.2 MANAGE YOUR RECORDED DATA

You can manage and edit the following list of items:

- You can change a "priming" or a "dose" quantity (see step 6.2.1.),
- You can change an injection recorded as a "dose" to a "priming", or a "priming" to a "dose" (see *step 6.2.2.*),
- You can delete a "dose" or a "priming" (see step 6.2.3.),
- You can add an injection that was not recorded to the history (see step 6.2.4.),
- You can fill in a dose that was not captured by the device (see step 6.2.5.).

10.2.1 You can change a «priming» or a «dose» quantity already recorded



10.2.2 You can change an injection recorded as a «dose» to a «priming», or a «priming» to a «dose»





IFU_MAL_US_V1.7_July 2020

Page 21 | 41





BICCORP

10.2.3 You can delete a «dose» or a «priming»



To add an unrecorded dose, select "Add to log":



Mallya

IFU_MAL_US_V1.7_July 2020

Page 22 | 41



10.2.5 You can fill in a dose that was not captured by the device

If a dose was not captured, you will see the message "Dose not recorded". You can add the dose information as follows:





11. OTHER FEATURES OF THE MALLYA APPLICATION

11.1 GENERATE A REPORT

In the "**Injections**" screen, select the icon + Add entry to display the window that allows you to **generate a report**:



Mallya

IFU_MAL_US_V1.7_July 2020

Page 23 | 41



11.2 PAIR TWO MALLYA TO YOUR MOBILE APP.



Mallya 🛛

IFU_MAL_US_V1.7_July 2020

Page 24 | 41



11.3 SETTINGS









 Mallya has been designed to work with ONE insulin pen. If you unpair your Mallya smart base from the insulin pen, you MUST reselect your insulin pen medication.

11.4 <u>"HELP" SCREEN</u>



Mallya 🛛



12. TRANSFERRING MALLYA TO A NEW PEN

12.1 REMOVE MALLYA FROM THE EMPTY PEN

Follow the procedure indicated below when your insulin pen is empty:

12.1.1 Remove the Mallya smart base from the insulin pen. Use your thumb to press on Mallya and to remove it from the pen.
Imatus sets of the Mallya knob button from the pen.
12.1.2 Then, remove the Mallya knob button from the pen.

12.2 ATTACH YOUR MALLYA TO A NEW PEN

Follow step 4.3. on assembling your Mallya to the insulin pen.

- Mallya models are only compatible with the disposable insulin pens (Solostar, Kwikpen, Flexpen) they are designed for. Do not attach to, pair or use with any other insulin pen types.
- If you need to inject more than the number of units left in the pen, you may either:
- ✓ inject the amount left in your pen and then use a new pen to deliver the rest of your dose: the Mallya application will then display 2 successive injections, or
- ✓ get a new pen and inject the full dose: the Mallya application will display one full dose injection.

When Mallya is transferred onto a new pen, the application automatically detects a "device **removal**" event (eg.: your smart base and / or the knob button have / has been removed from the original pen).

In this situation, the application will require a confirmation of the pen currently assembled with Mallya.

Mallya I

IFU_MAL_US_V1.7_July 2020

Page 27 | 41



Example:



Mallya 🛛

IFU_MAL_US_V1.7_July 2020

Page 28 | 41



Select the following icon to choose the insuline type used for the injection:



Example of the resulting screen with "Apidra" chosen:

	Ready		~	
Repor	t - July 30, 2020 -	Add entry		Anidra
3:54 pm	July 29, 2020	40 ıu >		
3:53 м		25 w >		



IFU_MAL_US_V1.7_July 2020

Page 29 | 41



12.3 <u>COLLECT YOUR INJECTION DATA FROM MALLYA AFTER SMARTPHONE</u> <u>DISCONNECTION</u>

Your smartphone may disconnect from the Mallya system in case Bluetooth is out of range, or the battery is empty, or for other potential reasons. In this case, you can still use Mallya to record your insulin doses and, on the next connection, data will be automatically transferred from Mallya to your smartphone.

Upon re-connection, 2 options are possible:

- Your Mallya application will display the recorded injections data as usual if no "device removal" event occurred during the disconnection period (eg.: your smart base and / or the knob button have / has not been removed from the original pen in the meantime), or
- Your Mallya application will display the following screens in case the Mallya smart base and / or the knob button have / has been removed from the original pen during the disconnection period:

"Device removal" event detected screen	Screen with undetermined injection information	Insulin undetermined dose information is completed
Confirm the type of pen on which Mallya is currently attached. If you select "YES, this device is exclusively used with the same type of pen": your Mallya application will display the recorded injections data as usual.	If you select "NO, I have placed this device on another type of pen" in the previous screen: some injections will be pending confirmation of the insulin type that was used. Select the "Insulin Undetermined" icon to complete the information related to the selected injection.	The dose quantity and insulin type color indicator are then displayed. (Apidra was chosen in the example below):
Device Removal Detected Please confirm that the Mallya is attached to a Sanofi Lantus® • YES, this device is exclusively used with Lantus® pens OR NO, I have placed this device on another type of pen	No SIM	No SIM

Upon a first injection following a disassembly, make sure you reconnect the device with the application as soon as possible to avoid "undetermined" doses.

Mallya 🛛



13. TROUBLESHOOTING

- Never attempt to access the internal hardware for any purpose including maintenance in all circumstances.
- When a function check is not successful and if the recommendations given in this *step 9.* do not solve the issue, you are prompted to contact a BIOCORP PRODUCTION authorized dealer.

13.1 TROUBLESHOOTING MALLYA WITH SMART BASE SIGNALS

When a visual or audible signal occurs on your Mallya, check the cause and follow the indications listed below to solve the issue:

SIGNAL	CAUSE	TROUBLESHOOTING STEPS
Red LED	Mallya error	Remove Mallya from pen. Re-calibrate Mallya (see step 4.2.) If the issue persists: reset the system (see step 9.3.) Then, try to pair Mallya to your smartphone (see step 4.4.) If the problem is not solved, please contact a BIOCORP PRODUCTION authorized dealer.
Orange LED (rapid flashing)	Calibration in progress: A green light will appear for 2 seconds upon successful calibration (with a beep, then the green light will turn off).	<u>Slowly</u> tilt the Mallya side to side to calibrate (<i>see step 4.2.</i>)
Alternating orange and green flashing (rapid flashing)	Mallya device is correctly positioned onto the pen but must be paired.	Pair Mallya to your smartphone (see step 4.4 .)
Orange LED (slow flashing) (every 15 seconds)	Battery is low.	Plug in and charge the Mallya smart base (see step 4.1.)
Orange LED	 Mallya position error on pen: the knob is not turned back to the dose "0" or Assembling error: Mallya (smart base or button) is not correctly positioned on pen. 	 Make sure that: the knob is turned back to the dose "0" or the Mallya window and the pen dose window are properly aligned, and the Mallya button is correctly pushed onto the pen (see <i>step 4.3.</i>)

Table 7 - Troubleshooting with signals

Mallya I



INFORMATIONS REGARDING OTHER SIGNALS:

SIGNAL	CAUSE	TROUBLESHOOTING STEPS
Green LED (slow flashing)	Mallya is charging.	(See step 4.1 .)
Green LED	 Mallya is properly assembled onto the pen. It is: either ready for use, or the dose setting is in progress, or the injection is in progress 	N/A
Green LED (rapid flashing)	Mallya is at the end of an injection.	 Keep the needle in the skin: During the whole time Mallya's green LED is flashing, Until Mallya emits an audible signal (BEEP) signaling the end of the injection.

Table 7 - Troubleshooting with signals (next)

Mallya 💼



13.2 TROUBLESHOOTING MALLYA WITH THE APPLICATION

This step describes the troubleshooting procedures you can perform if there is a problem with your Mallya.

Find the problem you are experiencing among those listed in the following list and apply the appropriate solution.

- If the recommended solutions do not eliminate the problem or if you encounter an unlisted problem, please contact a BIOCORP PRODUCTION authorized dealer.

INDICATION CAUSE		TROUBLESHOOTING STEPS	
Image F 4G 14:17 89 % Image F Mallya Bolus Not ready Image F Image F 4G 14:17 89 % Image F Mallya Bolus Image F Image F 4G 14:17 89 % Image F Mallya Bolus Image F Image F 4G 14:17 89 % Image F Mallya Bolus Image F Image F 4G 14:17 89 % Image F Mallya Bolus Image F Image F 4G 14:17 89 % Image F Mallya Bolus Image F Image F 4G 14:17 89 % Image F Image F 4G 14:17 14:17 Image F 4G 14:17 14:17	Mallya's smart base not detected	 Select: "Not Ready" Check that the Mallya device is correctly assembled on the pen (see <i>step 4.3.</i>) 	
Image F 4G 14:17 89 % Image F Mallya Bolus Not ready Image F 4G 14:17 89 % Image F Mallya Bolus Mallya Bolus Mallya Bolus Image F 4G 14:17 89 % Image F Mallya Bolus Mallya Bolus Image F 4G 14:17 89 % Image F Mallya Bolus Turn the knob back to the dose 0	Knob button of the pen not at ZERO	 Select: "Not Ready" Turn the knob button of the pen back to the ZERO position. 	

Table 8 - Troubleshooting with app.



IFU_MAL_US_V1.7_July 2020

Page 33 | 41



INDICATION	CAUSE	TROUBLESHOOTING STEPS
Image F 4G 13:49 87 % Mallya Bolus Error 19 February 2020 Image F 4G 13:49 Mallya Bolus Error Calibration required Calibrate	Calibration error	 Select "Error" Perform the calibration as indicated in the Mallya device Instructions for Use (see <i>step</i> 4.2.)
Image F 4G 13:50 87 % ■) Mallya Bolus Disconnected ✓ 19 February 2020	Mallya is maybe too far away from your smartphone and therefore disconnected <i>Or</i>	(1) Move your Mallya device and your smartphone closer to one another.
Mallya Bolus Disconnected This smartphone cannot connect the Mallya. Potential reasons : out of Bluetooth range, empty battery, broken pairing,	A communication error occurred	 Select "Disconnected" Reset Mallya as explained in the Mallya device Instructions for Use (see <i>step 9.3.</i>)
Image F 4G 13:51 87 % Image F 4G Mallya Bolus Disconnected Bluetooth is off ? 19 February 2020	Bluetooth issue or signal lost	 Check that the Mallya device is powered ON. Check that the Mallya device is connected to the App. Check the Bluetooth connection status on your mobile phone. If the problem is not solved, please contact a BIOCORP PRODUCTION authorized dealer.

Table 8 - Troubleshooting with app. (next)

Mallya 💼



13.3 RESET INSTRUCTIONS

The reset procedure of Mallya may be necessary:

- If Mallya is not working properly (no response, etc...),
- If you need to pair Mallya with another mobile phone (smartphone),
- If you want to delete your personal health data from the device.

PROCEDURE:

Mallya 🛛

BICCORP

14. MAINTENANCE AND INSPECTION

14.1 MALLYA DEVICE LIFETIME

Mallya and accessories lifetime is 2 YEARS.

14.2 MALLYA APPLICATION UPDATES

Check each week on your smartphone (in the Apple store / Play store) that there is no Mallya application update available.

14.3 CLEANING YOUR MALLYA

Periodic maintenance of your device is not required except for cleaning.

When the surface of Mallya is dirty, follow the steps indicated below to clean it:

- ✓ Disconnect the USB cable from Mallya.
- ✓ Wipe the surface of the device with a slightly damp lint-free cloth.
- ✓ You can wipe off persistent dirt with a soft lint-free cloth slightly moistened with water containing a small amount of neutral cleaning agent.



- Disconnect the USB cable before cleaning Mallya.

The device is intended to be non-sterile

- Do not wipe the surface of Mallya with chemical products or solvents (e.g. acetone) (other than those specified in this cleaning procedure) as it could lead to discoloration or deterioration.
- Please remember that the Mallya is not waterproof:
 - ✓ Do not immerse the device in water and do not clean it under running water.
 - ✓ Do not expose the device to moisture. Do not use the device in the bathroom or in areas with high temperature, humidity, dust or rain.
- Do not share Mallya with other people to prevent infection.

14.4 MAINTAIN WATER, DUST AND LIGHT RESISTANCE

As defined in the IEC standard 60529, the IP code (or Ingress Protection code) classifies and rates the degree of protection provided by mechanical casing and electrical enclosure against the intrusion of solid objects, dust, accidental contact, and water.

Mallya is rated **IP22** using this Ingress Protection rating system: your device has shown to be water and dust resistant in certain circumstances Despite this classification, your device is not at all impermeable to water damage.

NOTE:

If any liquid is found to have entered your device components (inside the sealed system): your device's warranty will be void.

Follow the next tips carefully to prevent damage to the device (operational or cosmetic issues):

- Whenever your device gets wet, dry it thoroughly with a soft, dry and clean cloth. You should dry the inside of the charging port before inserting a power connector to charge your device. If the charging port is not fully dry, your device may operate abnormally. For example, it may charge more slowly or overheat.
- Do not expose the device to direct sunlight.

Mallya I



BICORP

15. TECHNICAL SPECIFICATIONS

15.1 COMPLIANCE WITH STANDARDS / REGULATION AND CLASSIFICATIONS

COMPLIANT STANDARDS	DESCRIPTION	CLASSIFICATION
	 Protection type against electric shock 	Class II (double isolation)
IEC 60601-1	Degree of protection against electric shock	Type BF
	Mode of operation	Continuous operation
IEC 60601-1-2	Electromagnetic compatibility	According to EN 55011 / CISPR 11 the device is classified as a group 1 device with class B emission limits.
IEC 60529	• Type of protection against the access to hazardous parts and the infiltration of water as detailed in the current edition of IEC	IP22 for the smart base

Table 9 - Compliance with standards / regulations and classifications

15.2 SMART BASE LABELLING

MALLYA SENSOR TYPE	LABELING
Mallya smart base for insulin pen: FLEXPEN [®] NOVO NORDISK	Biocorp Production Zi do Layaur la Béchado Production Zi do Layaur la Béchado REF 0173720 SN 00007853 03/2019 C C 0459 PN:0273778 - FLXP
Mallya smart base for insulin pen: KWIKPEN [®] ELI LILLY	Biocorp Production Z1 do Lavaur is Bechnois G3500 Issoure - France REF 0173694 O1/2019 C € 0459 PN: 0273694 KWKP
Mallya smart base for insulin pen: SOLOSTAR [®] SANOFI	Biocorp Production ZI de Lavaur la Béchade 63500 Issoire - France REF 0173719 SN 000003127 03/2019 € € 0459 PN:0273777 - SLST

Table 10 - Smart base labelling



IFU_MAL_US_V1.7_July 2020

Page 37 | 41



15.3 SYMBOLS ON THE DEVICE AND ITS PACKAGING

SYMBOL	STANDARDS	DESCRIPTION
Ŕ	IEC60417-5840	Applied part Type BF
	ISO7010-M002	Please refer to the Instructions for Use document
i	ISO 15223-1	Consult the Instructions for Use documents
	ISO 15223-1	Do not use if the packaging is damaged
	ISO 15223-1	Manufacturer
\sim	ISO 15223-1	Manufacturing date
Ť	Symbol 5.3.4 (ISO 7000- 0626) of ISO 15223- 1:2012	Moisture sensitive device
X	The device, packing and ac waste in accordance with V recycling provisions and na	ccessories must be disposed of separately from domestic VEEE provisions for EU member countries, and with local tional laws.
SN		Serial Number
REF	ISO 15223-1	Product reference
	IEC 60417-5172	Class II device (in compliance with EN 60601-1 standards)
	IEC 60417-5957	For indoor use only
IP 22	IEC 60529	Protection index: Protects persons against access to hazardous parts with fingers and against the harmful effects due to water vertically dripping against the enclosure.
ore ove	Symbol 5.3.7 (ISO 7000- 0632) of ISO 15223- 1:2012	Temperature limits within which the device can be safely exposed
()/ic,	Symbol 5.3.8 (ISO 7000- 2620) of ISO 15223- 1:2012	Humidity limits within which the device can be safely exposed
	Symbol 5.3.9 (ISO 7000- 2621) of ISO 15223- 1:2012	Pressure limits within which the device can be safely exposed

Table 11 - Symbols on the device and its packaging

Mallya 💼



SYMBOL	STANDARDS	DESCRIPTION
CE 0459	"CE marking"	Product compliant with EC regulations
F©	This device complies with part 15 of the FCC Rules.	Operation is subject to the following 2 conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Table 12 - Symbols on the device and its packaging (next)

15.4 ELECTRICAL RATINGS

Make sure you connect the Mallya USB cable to a power source compliant with the **IEC 60601-1.**

USB CHARACTERISTICS	
Input voltage	5V DC 2A
Min Voltage	500mA
Ingress Protection	IP 22
BATTERY CHARACTERISTICS	
Battory	Li-ion rechargeable :
Battery	Li-ion 3,7V-130mAh
Model Number	GEB401730 / FT401235P
Operating time with fully charged battery	2 weeks
Charging time for fully charged battery	Full charge at 4,2 V for 2,5 hours
Table 42 Floatriant rations	

Table 13 - Electrical ratings

It is possible to connect the provided USB cable to the USB port of your PC or AC adaptor with the following characteristics:

AC ADAPTOR (NOT PROVIDED)	
Power supply	External Module with automatic adaptation of
	the voltage: no selection is required.
Input voltage range	90-264 Vac
Frequency range	47-63 Hz
Current input	0,5 A @ 90 VA
Category	II (double insulation)

Table 12 – Electrical ratings (next)

15.5 MATERIALS

MATERIALS	
Mallva smart base	PC/ABS (cover)
Manya Smart Dase	Copolyester (body)
Mallya button	Polypropylène (body)
	POM (button)

Table 14 - Materials

15.6 ACCURACY

MEASUREMENT ACCURACY	99%
Table 15 - Accuracy	







External factors may affect the dose measurement accuracy.

Factors	Affect the measurement	Does not affect the measurement
Ambient Temperature		
Magnetic disturbance		
Dose Knob position		

Table 16 - External factors and measurement accuracy

To display the accurate doses, make sure to use the device as recommended in this Instructions for Use document:

- Follow the Warning and Caution recommendations to avoid magnetic disturbance
- Follow the information given step 4.3.2. to adjust the dose knob position on the pen

15.7 DISPOSAL

Dispose of Mallya according to your local guidelines.

According to Directives 2012/19/UE WEEE and 2011/65/UE RoHS II on the restriction of hazardous substances in electrical and electronic equipment on their disposal: Public authorities adopt adequate measures to make sure that users, distributors and manufacturers contribute to the collection of electrical and electronic equipment, setting legal requirements to reuse, recover or recycle the said equipment.



You must take into account the potentially harmful effects to the environment or human health due to the improper disposal of the equipment or of parts of it.

The following graphic symbol is applied on the label of the equipment:

It reminds that all electrical and electronic equipment must be collected and disposed of separately from domestic waste at the end of life.



Before disposing of Mallya: reset the device to delete all your personal health data (see *step* **9.3**.)



BICCORP

16. GENERAL INFORMATION



BIOCORP ZI LAVAUR LA BECHADE 63500 ISSOIRE CEDEX – FRANCE Tel : +33 4 73 55 70 50 <u>www.biocorpsys.com</u>

DISTRIBUTORS (authorized dealers): See list and contact information at the end of leaflet

The Instructions for Use must be accessible to you at all times. You must read all instructions carefully before using the device.

If you have technical problems with our product, please contact a BIOCORP PRODUCTION authorized dealer.

The following information will be needed in order to provide you with the necessary assistance:

Serial Number of your Mallya unit (this SN number can be found on the device label)

17. DISCLAIMER

The warranty is valid twelve months from the date of purchase.

The warranty covers any fault, material damage or manufacturing defect in products used in accordance with the instructions in this leaflet.

This warranty does not preclude the application of current legal guarantees under national legislation governing the sale of consumer goods.

BIOCORP PRODUCTION is not responsible for:

- Any damage resulting from disregarding the recommendations described in this Instructions for Use document.
- Any damage resulting from malfunctioning caused by a combination of connected devices.
- Any damage resulting from transport, improper use or negligence, incorrect handling, modification of the system, poor maintenance, use of incorrect voltage, lightning, infiltration of sand or water, use of parts or accessories not provided or recommended in this Instructions for Use by BIOCORP PRODUCTION.

Healthcare data protection

The terms of the regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 may apply to the interactions between Biocorp Production and users of its products.

To this end, Biocorp Production agrees to comply with its obligations in accordance with the regulation applicable to Personal data protection and makes every effort to guarantee the security, confidentiality, and integrity of the Personal data that it may process.

A user has the right to access their data, rectify them, request their deletion, or exercise their right to limit the processing of such data. They may withdraw their consent to the processing of such data at any time; they may also object to the processing of their data and exercise their right to the portability of such data. To exercise these rights, please contact: <u>gdpr@biocorp.fr</u>

If a user considers, after having contacted Biocorp Production, that their Data Protection and Privacy rights have not been respected or that the access control provision does not comply with data protection rules, such user may file a claim online or by mail with the relevant national data protection authority.



IFU_MAL_US_V1.7_July 2020

Page 41 | 41