

Dolphin Ring Cutter Standard Work Sheet

Revision 20240222

Program:		Process:	Use of the Dolphin Ring Cutter
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Purpose:	Provides instructions on the use and cleaning of the Dolphin Ring Cutter provided in the Ring Rescue Kit
Results:	Cut a finger ring for the purpose of stuck ring removal.
Definitions:	Professional: Includes Medical Professionals (Physicians, Nurses, Nurse Practitioners, Paramedics, EMTs, EMS Professionals, and Physician Assistants), Fire/Rescue professionals (Firefighters), Mortuary and Funeral Services Professionals, Jewelry Industry Professionals, Correctional Services Professionals, and other Professionals that may reasonably be tasked with removing stuck rings as part of their practice or job.
Roles & Expectations:	Any user or institution will review the Standard Work for the use of the Dolphin Ring Cutter prior to use.
Ground Rules or Key Assumptions:	<ul style="list-style-type: none"> -Product is for Professional use. -Only those who have reviewed the Standard Work Sheet and/or have obtained appropriate direct or indirect training, may use the Dolphin Ring Cutter. - Contraindications For Use: If a Professional determines that ring removal is urgent or emergent, and ring cutting is determined by the Professional to be the preferred method, no contraindications exist.
Supporting Tools:	<ul style="list-style-type: none"> -Dolphin Ring Cutter Quick Start Guide -Dolphin Ring Cutter Technical Reference -Dolphin Ring Cutter Instructional Video (www.ringrescue.com/tutorial-dolphin)
Trigger/ Frequency:	The Dolphin Ring Cutter is intended for use in cases of finger ring entrapment, where ring removal is deemed necessary, and ring cutting is determined by the Professional to be the preferred method. An approach to ring removal that considers non-destructive ring removal first may be preferred in cases where the use of a Compression Device (such as the Ring Rescue Compression Device) is felt to be viable, in which case ring cutting becomes a backup option.
Desired Goal/ Outcome:	Stuck ring(s) are removed safely and efficiently with the Dolphin Ring Cutter.

Step #	Description	Key Point/Images
1	Apply nitrile or other latex-free gloves.	
2	Assess the person's finger(s) to determine a preferred approach to ring removal, including whether the Ring Rescue Compression Device is appropriate as a first-line attempt for	If non-destructive ring removal is deemed appropriate, please refer to the Compression Device Tutorial Page . If not, continue with the Dolphin Ring Cutter for ring removal.

	non-destructive ring removal.	
3	Find a flat and stable surface to complete ring cutting.	Before starting the ring cutting process, position the patient's hand on a flat, stable surface with the palm of their hand facing upwards. This is important for both patient comfort and cutting stability.
4	Take out what you'll need for ring cutting from the Ring Rescue Kit.	-Dolphin Ring Cutter -AssureCUT Disc Package -Ring Lubricant -Wall power adapter – in case the Ring Cutter has not been adequately charged previously
5	Read instructions before starting the ring cutting process.	Before using this product, please consult the Ring Rescue Dolphin Ring Cutter Quick Start Guide as well as the Tutorial Video available at: www.ringrescue.com/tutorial-dolphin
6	Install an AssureCUT Disc.	<p>Take one AssureCUT Disc out of the package.</p> <p>To install, remove the Thumbscrew by turning it counterclockwise. If it's too tight to turn, use the Thumbscrew Removal Assist to help you.</p>  <p>Simply place a new disc onto the keyhole and re-install the Thumbscrew by turning it clockwise until snug. Ensure the disc is seated fully and correctly before tightening.</p>
7	Turn on the device.	<p>Turn on the Dolphin using the Main On/Off Switch at the base of the device.</p> <p>Once the Ring Cutter has been turned on the bars at the base of the device will illuminate indicating the battery charge.</p>
8	Check the Battery Indicator.	<p>3 bars indicate +70% charge available.</p> <p>If 2 bars or less are illuminated, have the charger nearby so that if the battery becomes depleted, the device can be plugged into the wall and cutting can continue without interruption.</p>

		
<p>9</p>	<p>Ensure the disc has been properly installed.</p>	<p>Pull the trigger to ensure the disc was installed correctly. It should spin freely and without any wobble. If you suspect a problem, remove and reinstall, or if the problem persists discard and correctly apply a new disc.</p>
<p>10</p>	<p>Plan your procedure and where the cut(s) will be performed on the ring(s) before beginning to cut.</p>	<p>We recommend TWO cuts for safe removal. Before cutting, take note of the best location to complete both cuts based on the case at hand.</p>  <p>When possible, we recommend 120 to 180 degrees spacing between each cut.</p>
<p>11</p>	<p>Open the Finger Guard on the device.</p>	<p>To open the Finger Guard into position for cutting, press the OPEN Switch until the guard is open wide enough to fit underneath the ring.</p> 
<p>12</p>	<p>Insert the Finger Guard under the ring.</p>	<p>Place the guard under the ring. Make sure it's inserted fully against the backstop.</p> 
<p>13</p>	<p>Close the Finger Guard until it is touching the ring.</p>	<p>Use the CLOSE Button to bring the ring to the disc. Proper position is achieved once the ring is making contact with the disc.</p>
<p>14</p>	<p>Apply Ring Lubricant directly to the cutting disc.</p>	<p>Before beginning the cut, apply Ring Lubricant to where the ring and cutting disc meet. One well-targeted spray is sufficient.</p> 

<p>15</p>	<p>Pull the Trigger to begin the automated cutting process.</p>	<p>Pull the trigger to begin cutting and let the device do the work. The device will cut automatically at a rate that is optimized for safety.</p> 
<p>16</p>	<p>Monitor the Progress Indicator on the Device, and manually monitor ring temperature during cutting.</p>	<p>The Progress Indicator shows you how far you are through the cut. As the cut progresses, more lights will illuminate towards 100%. Note: Cutting may start beyond the 0% mark on the Progress Indicator, depending on ring size and shape, but you always finish at the 100% mark.</p>  <p>Regularly monitor ring temperature during cutting by placing your finger on the underside of the patient's ring. If the ring is hot, add lubricant or pause cutting.</p> <p>Note: The Device is designed to cut at a safe rate, to avoid excessive ring heat, but checking temperatures is still important.</p>
<p>17</p>	<p>Apply Ring Lubricant as indicated by both the Work Light and Progress Indicator.</p>	<p>During the cutting process the Progress Indicator and Work Light periodically flash BLUE. This indicates that it's time to apply more Ring Lubricant to the spinning disc. One well-targeted spray is sufficient.</p> 
<p>18</p>	<p>Troubleshooting & Warnings - Flashing Amber Lights.</p>	<p>If the Amber Light is displayed, this indicates improper use or a detected problem. If this happens, pause cutting and resolve the issue. The Ring Cutter will pause for 10 seconds if improper use continues.</p> <p>Possible examples of improper use include:</p> <ul style="list-style-type: none"> • Insufficient lubrication • Moving or maneuvering the Ring Cutter during cutting (potentially causing the disc to

		<p>create excess heat) • Forcing the cutting disc into the ring</p>  <p>For more details on Warnings, please reference the Quick Start or Technical Reference document in your Kit.</p>
<p>19</p>	<p>Completion of 1st cut.</p>	<p>When the cut is complete all lights in the Progress Indicator will be illuminated and will FLASH GREEN. The sound of cutting will also change.</p>  <p>Note: A standard-size ring takes approx. 3-6 minutes per cut. Longer cut times are expected for larger and thicker rings.</p>
<p>20</p>	<p>Remove the Finger Guard from under the ring.</p>	<p>When the first cut is complete, press the Open Button to make space, and then remove the Finger Guard from under the ring.</p> 
<p>21</p>	<p>Rotate the ring before beginning the 2nd cut.</p>	<p>Rotate the ring 120 to 180 degrees on the finger or reposition the ring cutter.</p> <p>Note: Be careful of any sharp edges that could have been created during the cutting process.</p>
<p>22</p>	<p>To complete the 2nd cut, repeat the cutting process from steps 11-19.</p>	
<p>23</p>	<p>Completion of 2nd cut.</p>	<p>When the 2nd cut is complete, the ring may fall off or can be removed in two pieces from the patient's finger.</p>
<p>24</p>	<p>Turn off the Ring Cutter using the Main On/Off Switch at the base of the device.</p>	

<p>25</p>	<p>Discard the used disc for infection control purposes.</p>	<p>Dispose used disc in Sharps container after use. Used Discs will contain ring debris and lubricant residue and must be discarded for infection control purposes.</p> <p>Note: Reusing discs will void Ring Cutter warranty and negatively impact cutting performance.</p>
<p>26</p>	<p>Clean the Dolphin Ring Cutter.</p>	<p>Wipe the entire device clean with 70% isopropyl alcohol or 0.5% accelerated hydrogen peroxide wipes. Clean the Finger Guard groove with the provided cleaning tool in the Ring Rescue Kit.</p>  <p>Remember, do NOT submerge any components in liquid or rinse under running water.</p>
<p>27</p>	<p>If necessary plug in the Ring Cutter and charge for the next use.</p>	 <p>We recommend that the device be recharged fully before storing. During charging, all three lights will flash. When the device is fully charged this flashing will stop.</p> <p>Note: A full charge may take 2 hours.</p>
<p>28</p>	<p>Return all items back into the case to be stored.</p>	<p>Note: We encourage labeling with a “cleaned” sticker. This allows the next user to know that the device is ready for use.</p>
<p>29</p>	<p>For more information, please refer to the Quick Start Guide or Technical Reference in your Kit, or visit our website at https://www.ringrescue.com/tutorial-dolphin.</p>	