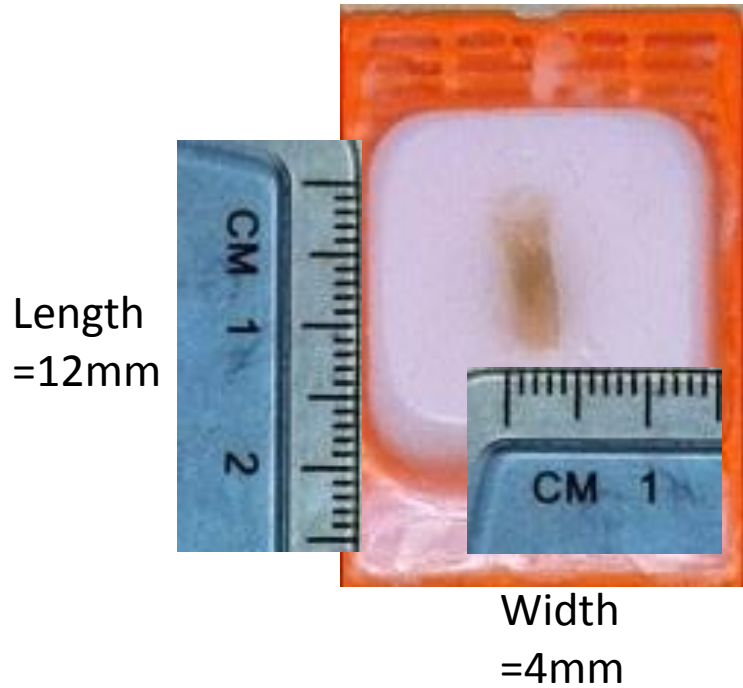**Steps for creating and shipping scrolls:**

1. Measure length and width (in mm) of tissue specimen contained within paraffin block.
2. Double click on excel table below to open editing function.
3. Enter tumor length and width values measured in step 1.
4. Number of 10 micron scrolls required is shown in yellow.
5. Put scrolls in tube for shipping (Eppendorf or cryovial)
6. Ship immediately to the BCR ambient (please contact for airbill)

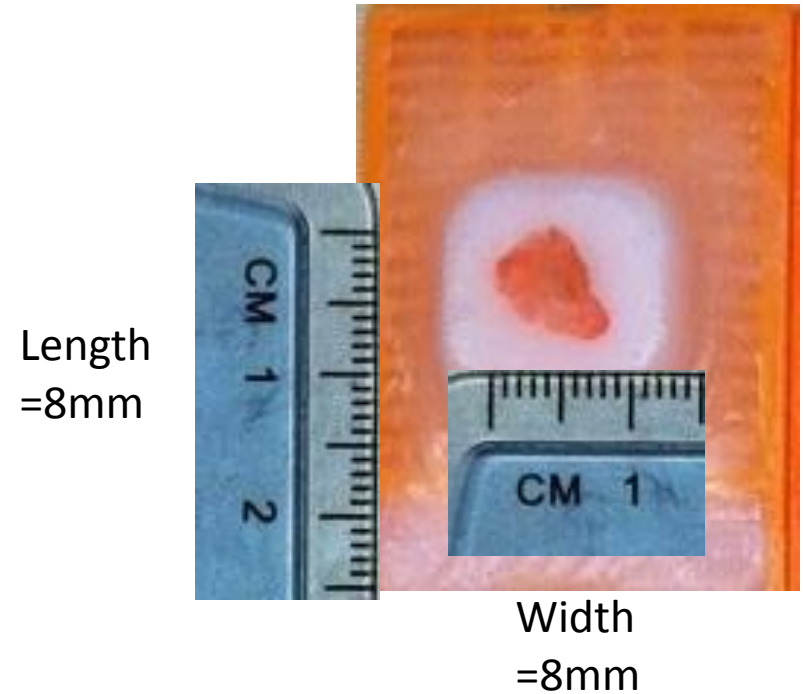*"Double Click" below to activate table*

Scroll Calculator				
Enter tissue area width:	12	mm		
Enter tissue area length:	12	mm		
Enter scroll thickness:	10	microns	(please submit 10 micron scrolls)	
How much volume of tissue do you need?			12 mm3	
Cut this many scrolls >>>	**8**			

Examples for measuring tumor area are on next slide.

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When your child needs a hospital, everything matters.

Example #1　　　　　　　　　　　　　　　　**Example #2**

Length
=12mm

Width
=4mm

Length
=8mm

Width
=8mm

To calculate the number of 10uM thick scrolls…. = 12 / (0.01 * _L_ * _W_)

| **Total surface area to be cut (mm³)** | **Scroll thickness (mm)** | **Tissue Length (mm)** | **Tissue Width (mm)** |

Example #1 Answer –
12 / (0.01 * _12_ * _4_) = 25 Scrolls

Example #2 Answer –
12 / (0.01 * _8_ * _8_) = 19 Scrolls

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