

## Step 5: Select program (Shear Stress values as described in **Table 3**)

	<ul> <li>Documents &gt; Pump Programs</li> </ul>	~ 0	Search Pump Program	s		
- Oniek assess	Name	^	Date modified	Туре	Siz	
Desktop	🖌 🔍 Increase Shear Stress	programme	11/05/2023 10:21	WOF File		
Downloads	*					
B Documents	*					
Nictures	*					
📜 Images of the	pump					

💕 🔒

Fluidic Unit Setup

invert pressure

- 🔵 + 🥥

Viscosity 0.007

Repeat all cycles

-

Step 6: Click in "Advanced" and confirm that the "Cycle Overview" corresponds to the selected program

Automatic Control		ibidi Cycle Overview								
WELCOME			Flow rate [ml/min]	Pressure [mbar]	Unidirectional ports	Unidirectional switching time [s]	Oscillating ports	Oscillating switching time [s]	Cycle duration [s]	
WELCOME		1	0.28	-0.5	[1]	60.00	not set	not set	3600	
		2	1.16	2.1	[1]	60.00	not set	not set	3600	
		3	2.36	4.3	[1]	60.00	not set	not set	3600	
isplayed cycle 1 of 11		4	3.53	6.5	[1]	60.00	not set	not set	3600	
	PP-	5	4.75	8.8	[1]	60.00	not set	not set	3600	
		6	5.95	11.1	[1]	60.00	not set	not set	3600	
Flow Parameters	Advanced	7	7.13	13.4	[1]	30.00	not set	not set	3600	
		8	8.34	15.8	[1]	30.00	not set	not set	3600	
		9	9.48	18.1	[1]	30.00	not set	not set	3600	
Clear all	Add	10	10.70	20.6	1	30.00	not set	not set	3600	
OFF			Selected Perfusion Set 50cm, ID 1.6mm (yellow/green)			1 Viscosity [(dvn*s)/cm²]		Shear stress [dyn/cm <sup>2</sup> ] 0.12		
<u> </u>			Selcted Slid	c .		riscosity [(uyii s)/ci		Shear rate [1/	ec]	
eator Experiment Builder							rc.	17		
cycle	0	^	dd Cycle	invert	pressure +		8	Apply new settings	Canc	
ide I (0.6mm) Start	14:58:38 / 01/06/2023									
I I OD Fad	14 50 20 ( 21/05/2024									

## Step 7: Click "Play" followed by "Start Experiment" to start an experiment

