63227\_screenshot\_1 (00:00 - 01:40)

o 2.4.1 (Image acquisition parameters being set)

63227\_screenshot\_2 (00:00 - 00:20)

o 2.5.1 (Growth cone being selected (00:00 - 00:05); the field being closed (00:05 - 00:10) and images being acquired (00:11 - 00:20))

63227\_screenshot\_3 (00:00 - 01:00) & 63227\_screenshot\_4 (00:00 - 00:07)

o 3.3.2. (Parameters being set (screenshot\_3) and growth cone being selected (screenshot\_4))

63227\_screenshot\_4 (00:08 - 00:30)

o 3.4.1. (Gel surface being focused (00:08 - 00:13) and images being acquired (00:13 - 00:30))

63227\_screenshot\_5 (00:00 - 01:00)

o 3.5.1. (Single-channel time-lapse RGB image stacks being produced and images being saved)

63227\_screenshot\_6 (00:00 - 00:35) & 63227\_screenshot\_7 (00:00 - 00:30)

o 3.7.1. (Gel surface being focused (screenshot\_6 (00:00 - 00:31)), and image being acquired (screenshot\_6 (00:32 - 00:35)) and saved (screenshot\_7))

63227\_screenshot\_8 (00:00 - 00:16) & 63227\_screenshot\_9 (00:00 - 00:10)

o 4.1.1. (Code being downloaded (screenshot\_8) and TFM2021 being opened (screenshot\_9))

63227\_screenshot\_10 (00:00 - 00:35)

o 4.2.1. (Code being run (00:00 - 00:16), and image being selected (00:17 - 00:35))

63227\_screenshot\_10 (00:38 - 01:55)

o 4.3.1. (Appropriate time lapse images being selected)

63227\_screenshot\_11 (00:00 - 00:16)

o 4.4.1. (GFP (00:00 - 00:05) and ROI being selected (00:06 - 00:16))

63227\_screenshot\_12 (00:00 - 00:16)

o 4.5.1. (Images and ROI being saved)

63227\_screenshot\_13 (00:00 - 02:00)

o 4.6.1. (Tab being clicked (00:00 - 00:05) and desired values being entered in dialogue box (01:30 - 01:39). Calculation being started (01:40 - 02:00))

63227\_screenshot\_14 (00:00 - 00:06)

o 4.7.1. (The region being enlarged and beads being displayed)

63227\_screenshot\_15 (00:00 - 00:24)

o 4.8.1. (White dots being changed to red color)

63227\_screenshot\_16 (00:00 - 00:42)

o 4.9.1. (Values being entered and calculation being initiated and saved)