

## BBB Behavior Table

Animal	WK1 BBB	WK8 BBB	Obs
85 (150kd)	11	18	small deficit
87 (150kd)	5	19	normal deficit
89 (150kd)	7	13	normal - more dorsal
91 (150kd)	12	20	dorsal to midline
97 (150kd)	9	19	normal deficit
98 (150kd)	7.5	20	dorsal to midline
99 (150kd)	6.5	17	dorsal to midline
83 (200kd)	4	11	normal deficit
88 (200kd)	12	21	outlier
90 (200kd)	2	12	normal deficit
95 (200kd)	2	11	large deficit
96 (200kd)	1	8	less ventral deficit
100 (200kd)	7	13	large deficit

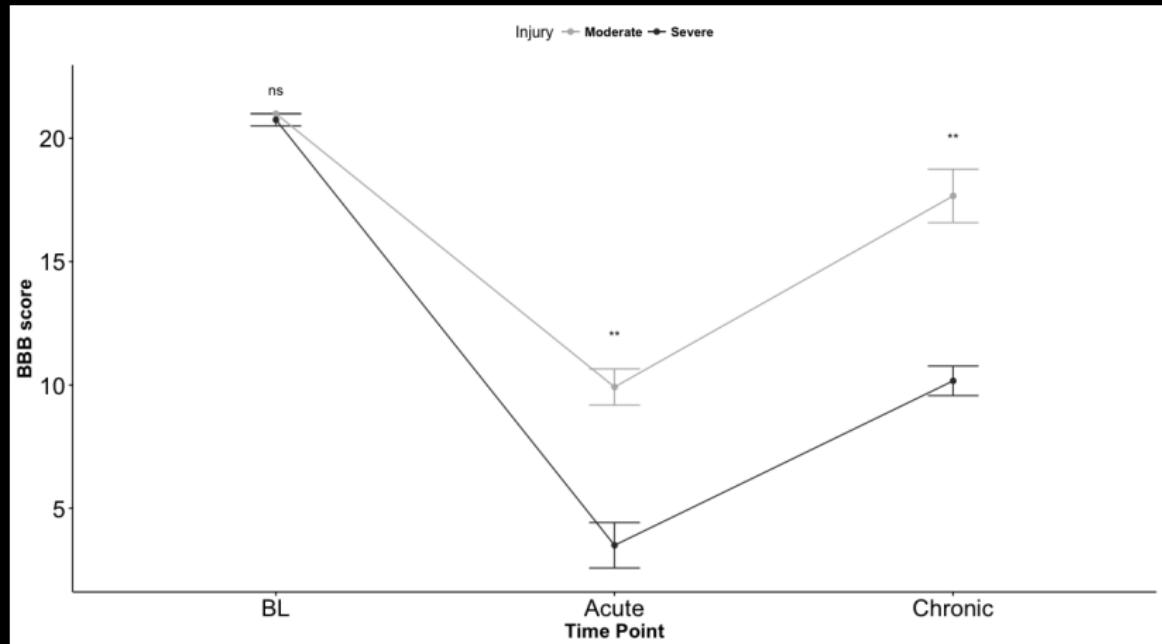
Table: BBB acute vs chronic

## Time Delay Difference Table

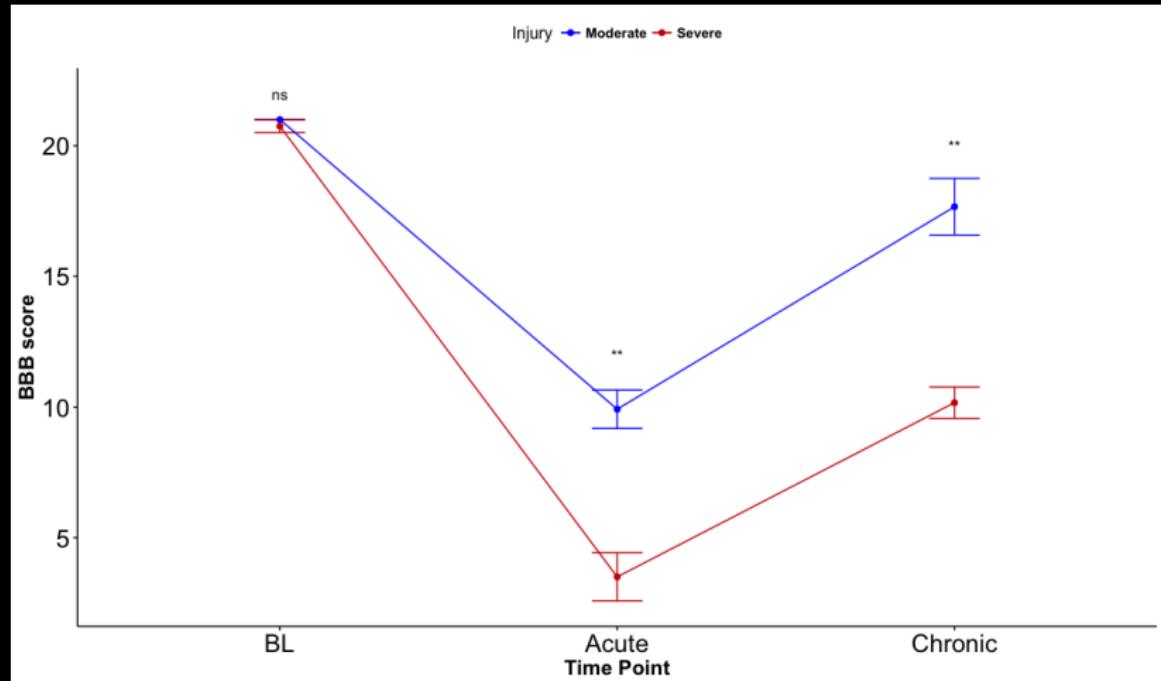
Animal	Time (GM)	Time (ROI)	Diff (sec)
85 (150kd)	2.16	3.18	1.02
87 (150kd)	3.46	4.48	0.96
89 (150kd)	2.01	2.96	1.16
91 (150kd)	3.02	4.01	0.99
97 (150kd)	1.28	2	1.03
99 (150kd)	1.64	3.154	1.15
83 (200kd)	1.23	2.70	1.47
90 (200kd)	0.96	2.48	1.52
95 (200kd)	1.92	3.56	1.64
y 96 (200kd)	1.88	3.2	1.32
100 (200kd)	2.02	4.17	1.4
BL Avg (150kd)	1.2	1.76	0.56
BL Avg (200kd)	1.12	1.63	0.51

Table: Injury: Moderate vs Severe

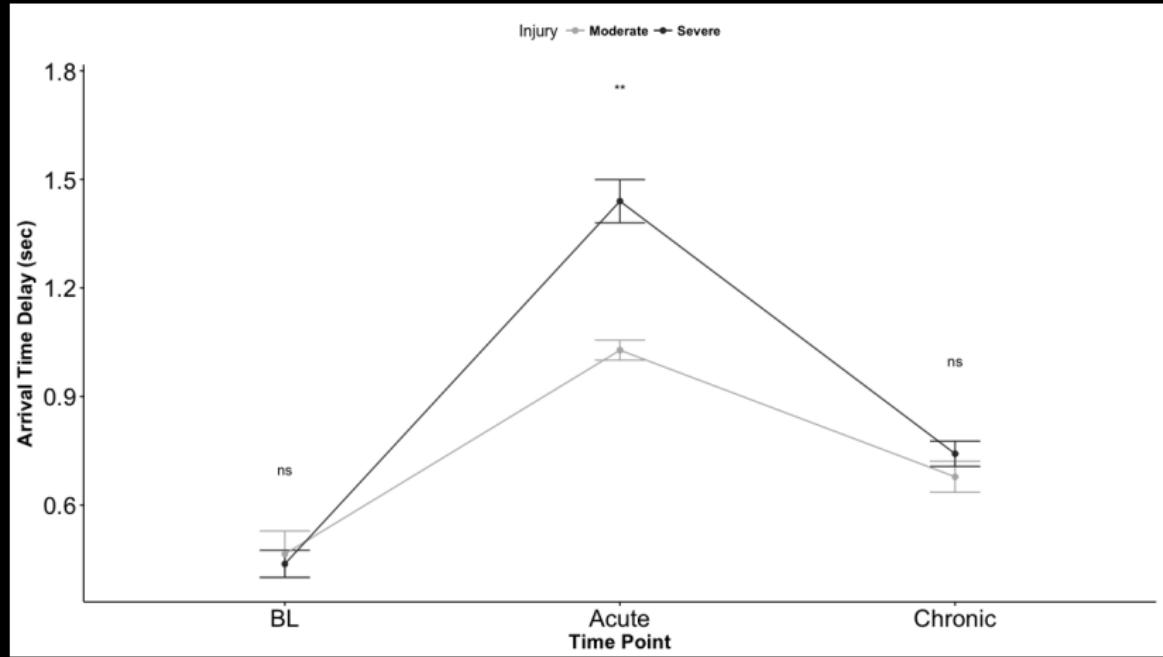
# Mean Distribution BBB over Time Points - BW color



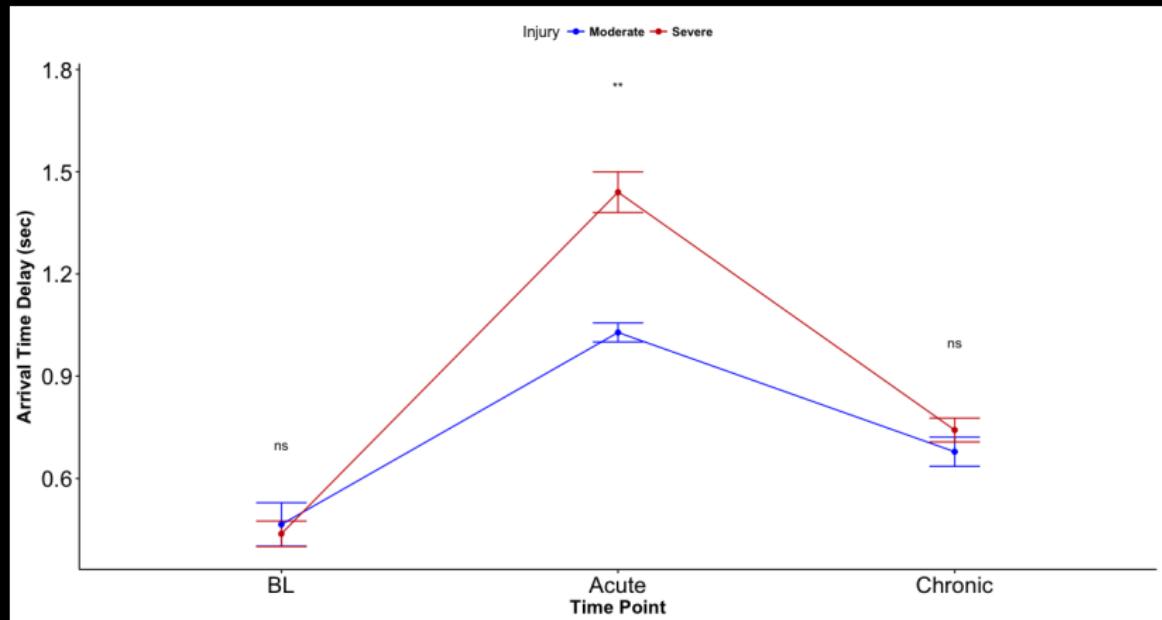
# Mean Distribution BBB over Time Points - RB color



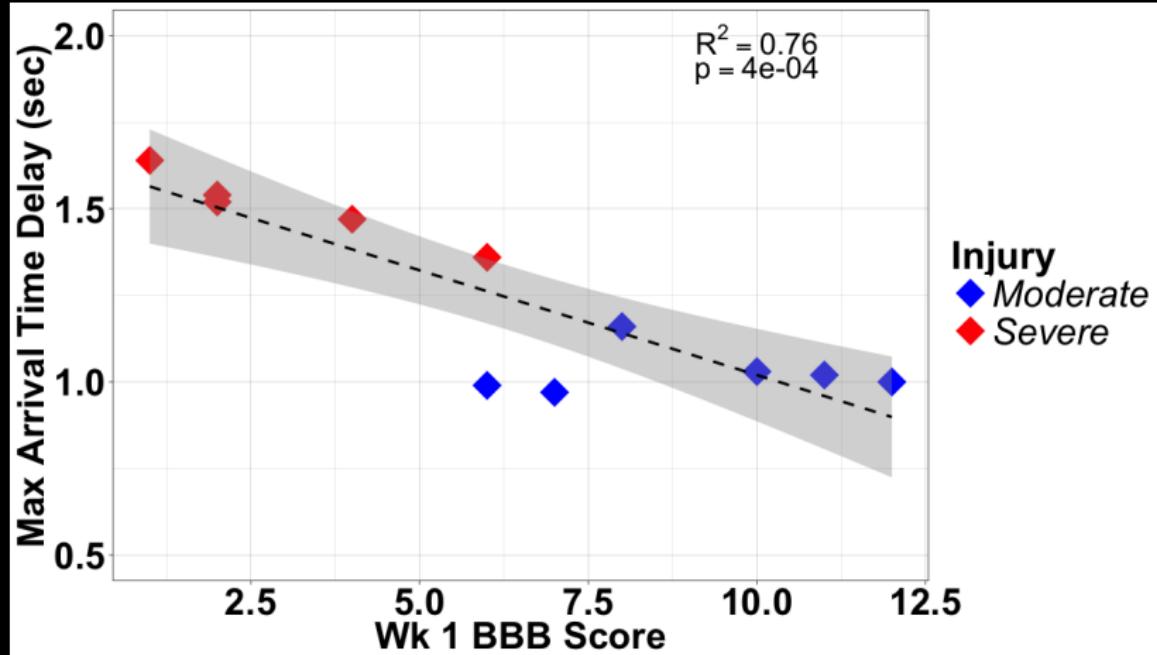
# Mean Distribution Plot for Arrival Time Delay - BW color



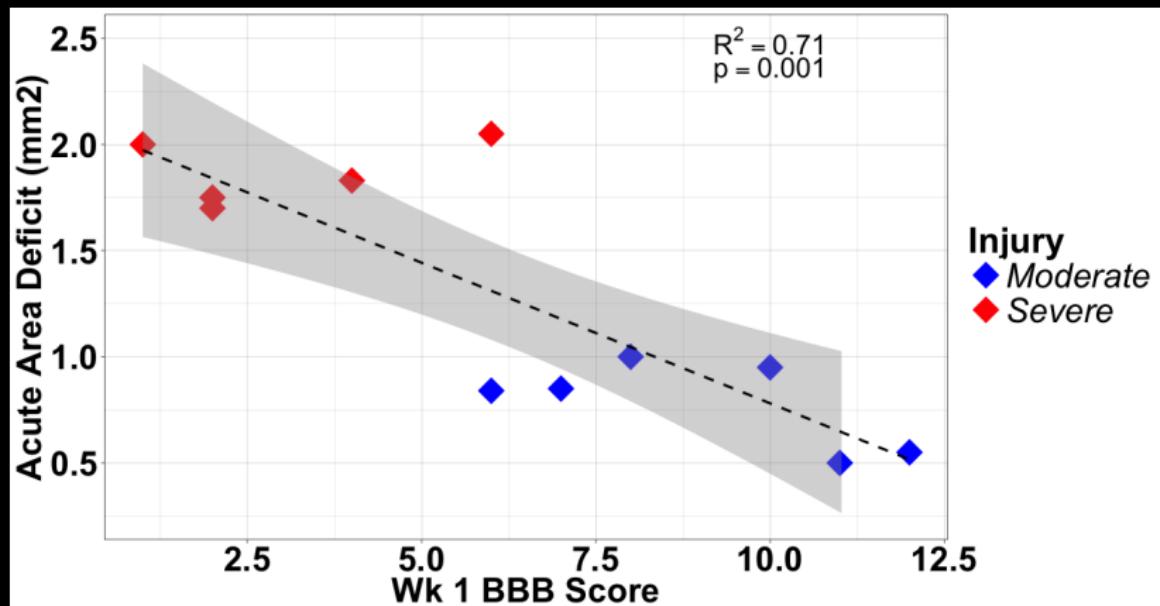
# Mean Distribution Plot for Arrival Time Delay - RB color



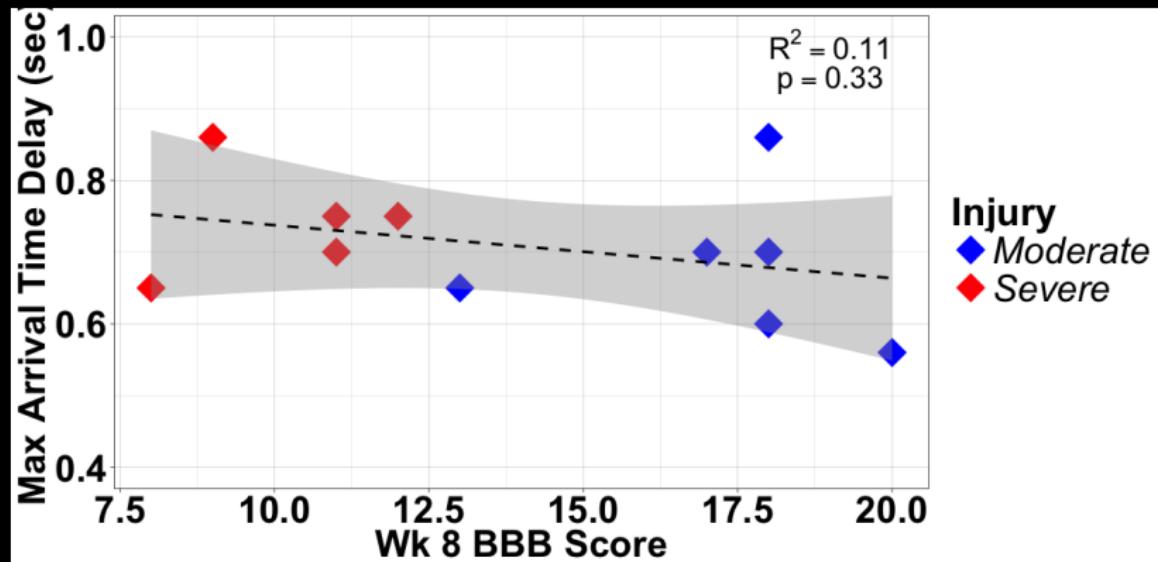
## Regression Plot - Arrival Time Delay given Wk 1 BBB



## Regression Plot - Area Deficit given Wk 1 BBB

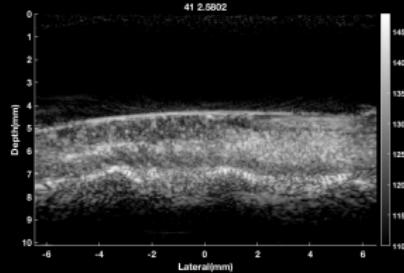


## Regression Plot - Arrival Time Delay given Wk 8 BBB

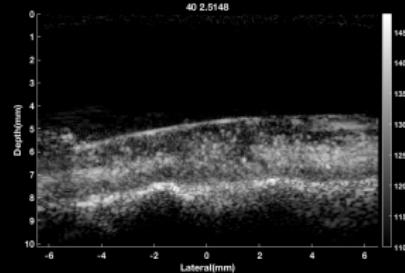


# Moderate (150kd) - Rat 99 Arrival Time delay heatmaps

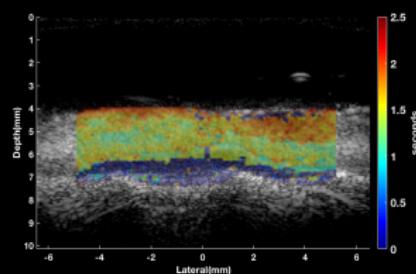
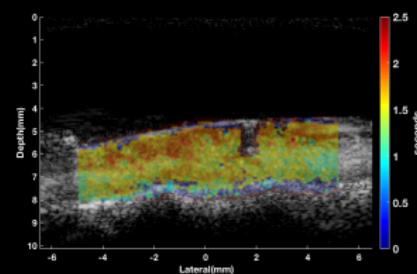
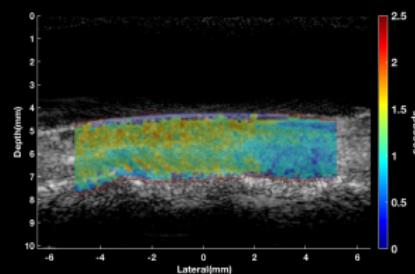
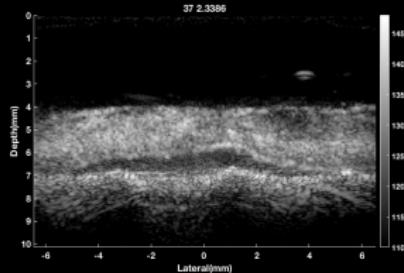
BL



Acute

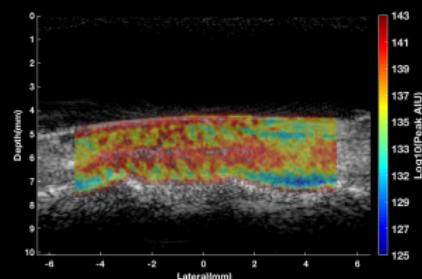
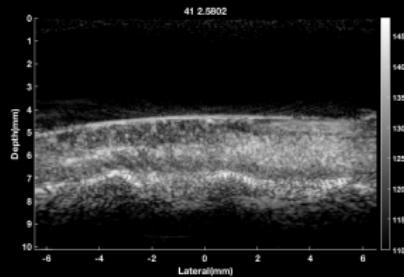


Chronic

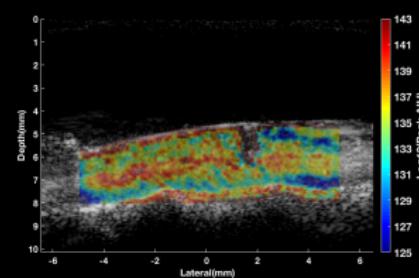
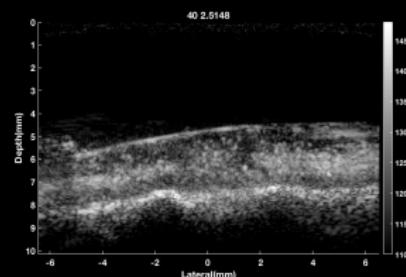


# Moderate (150kd) - Rat 99 Peak Intensity heatmaps

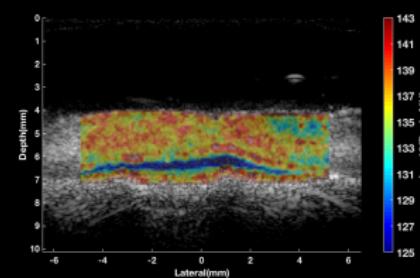
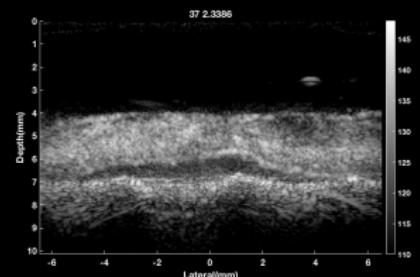
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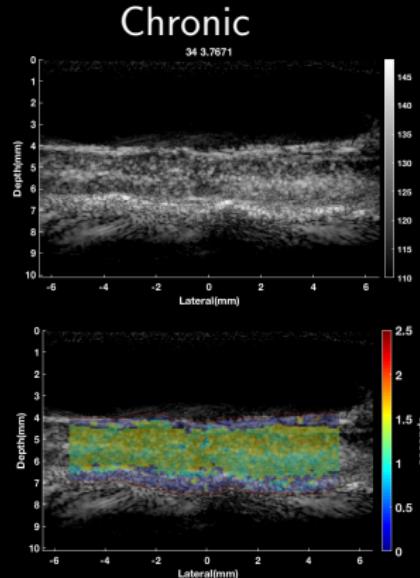
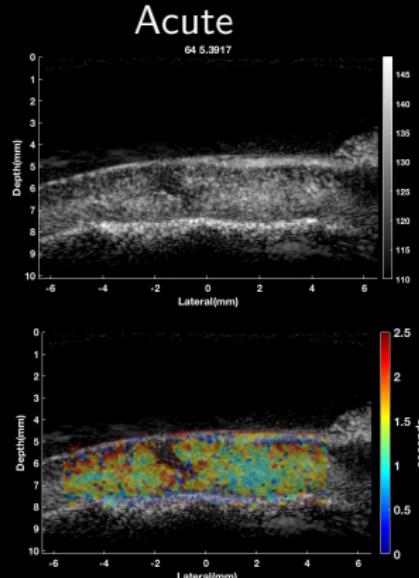
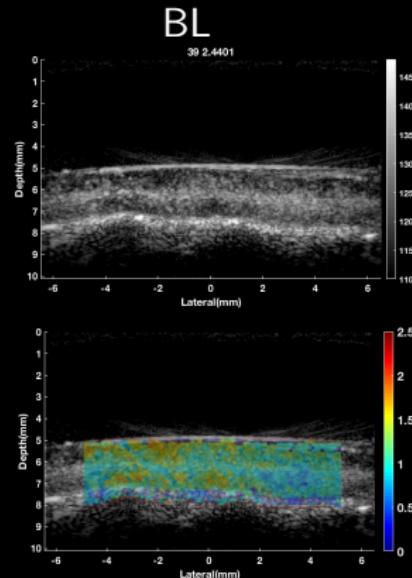
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Chronic

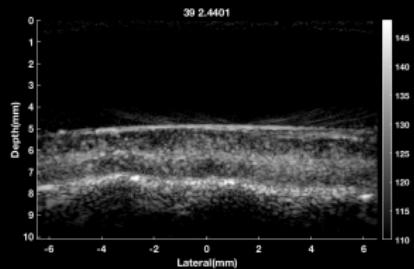


# Moderate (150kd) - Rat 98 Arrival Time Delay heatmaps

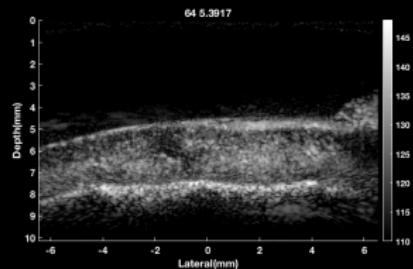


# Moderate (150kd) - Rat 98 Peak Intensity heatmaps

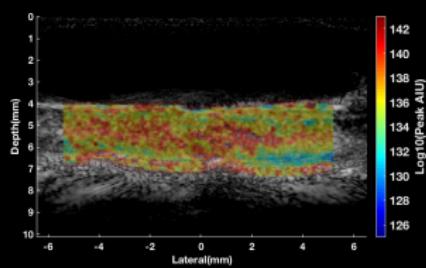
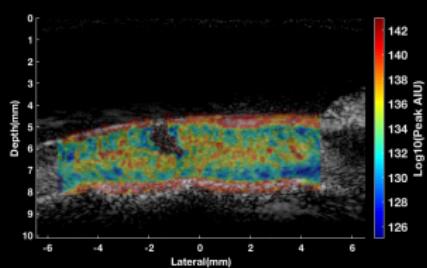
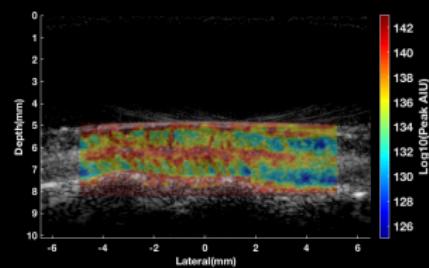
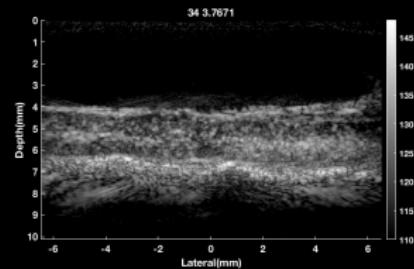
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Acute

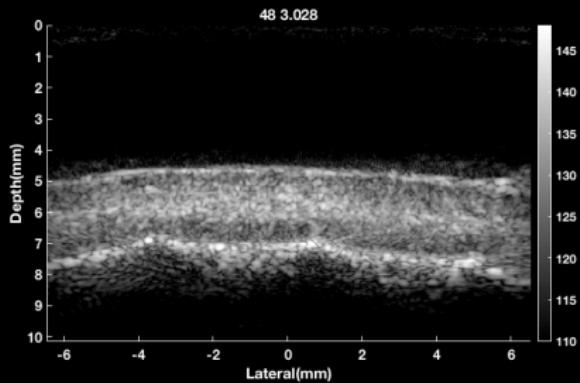


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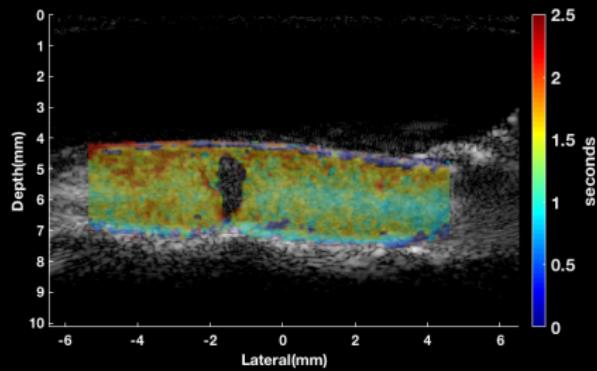
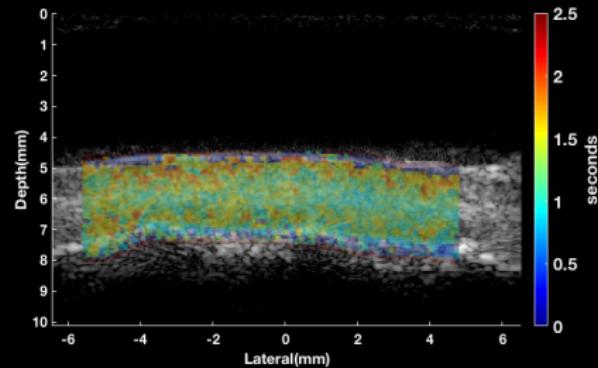
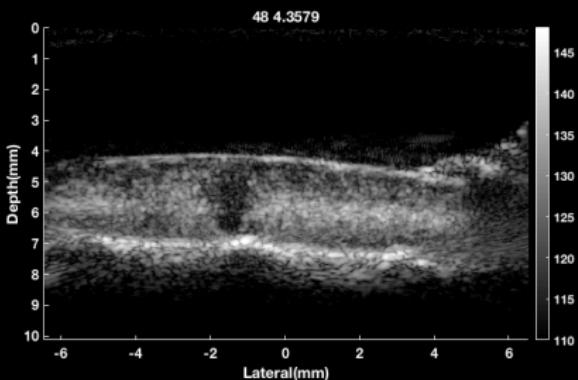


# Moderate (150kd) - Rat 97 Arrival Time Delay heatmaps

BL

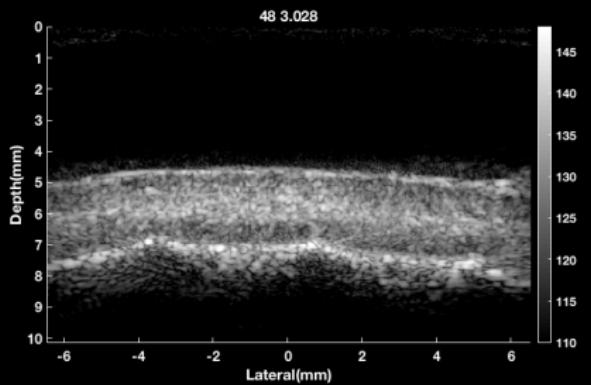


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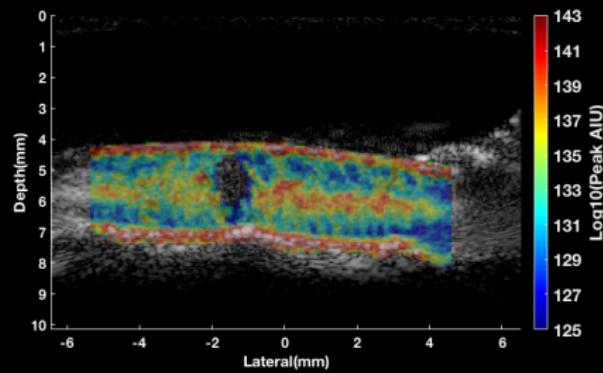
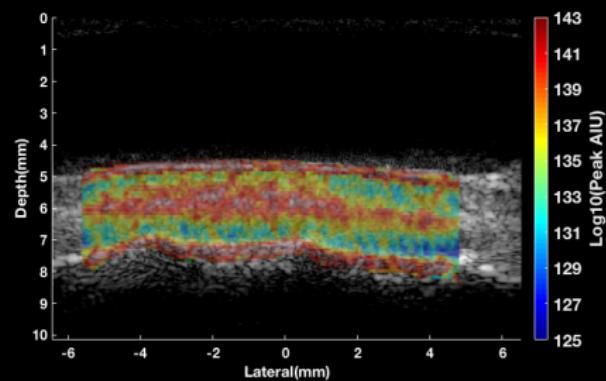
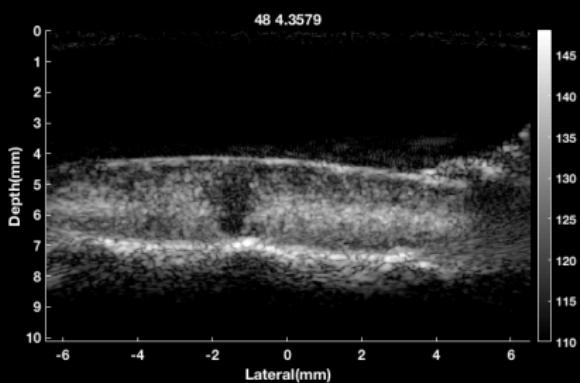


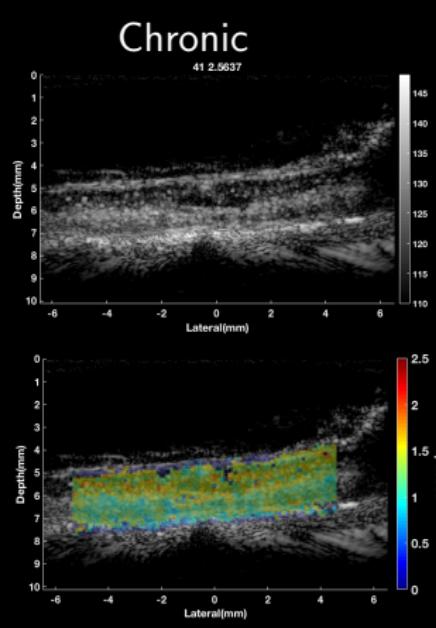
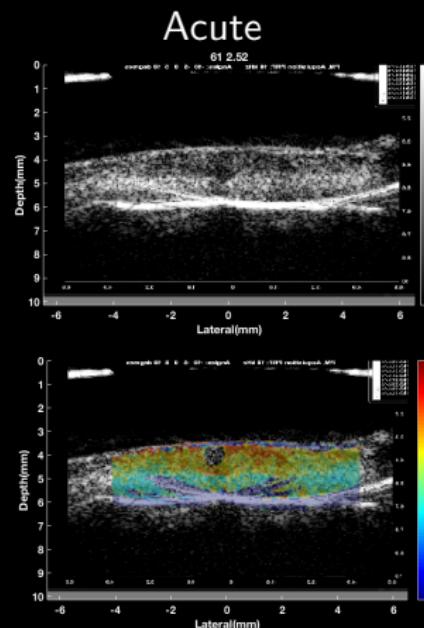
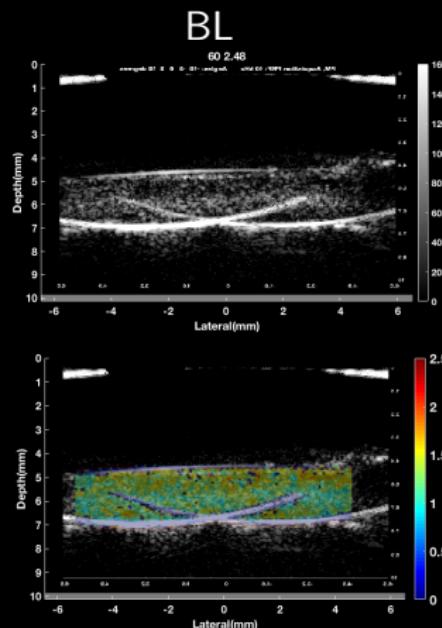
# Moderate (150kd) - Rat 97 Peak Intensity heatmaps

BL



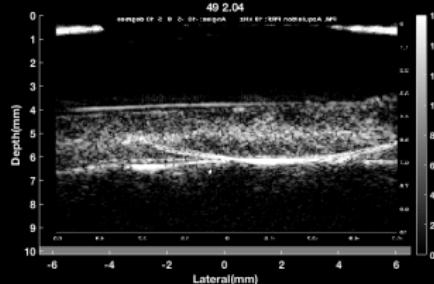
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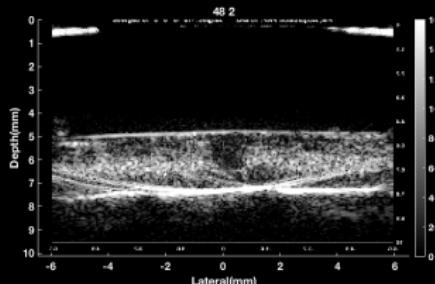


# Moderate (150kd) - Rat 89 Arrival Time Delay heatmaps

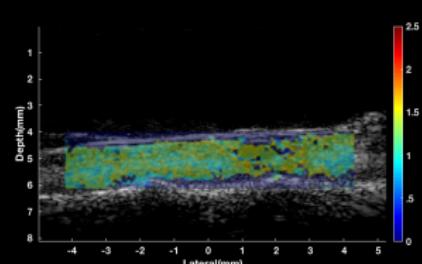
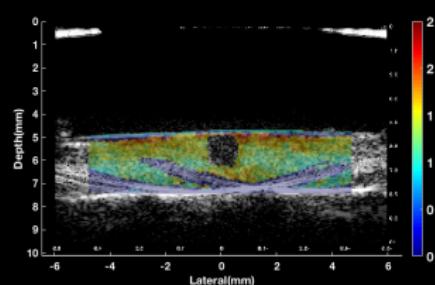
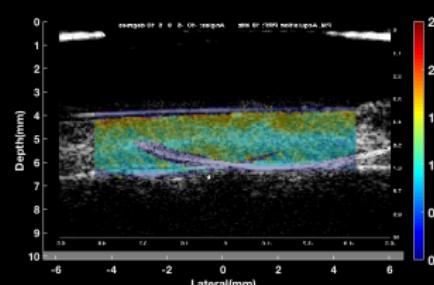
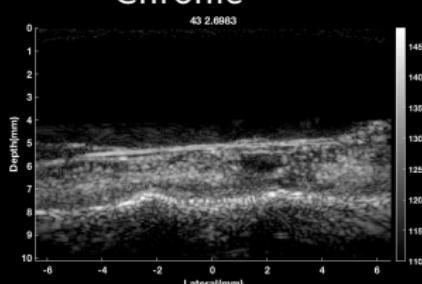
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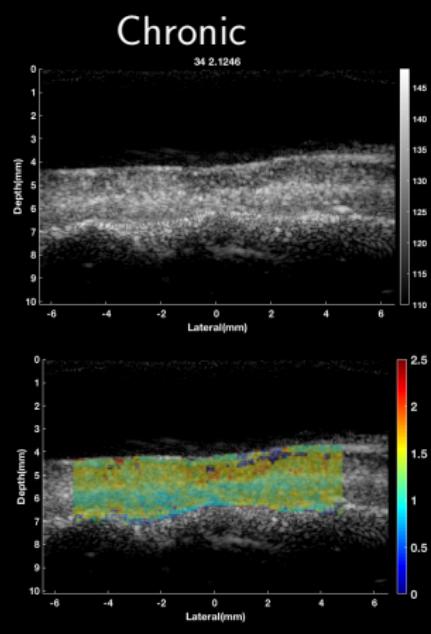
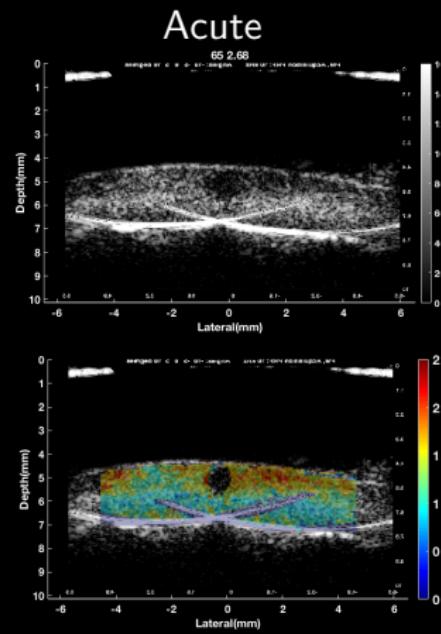
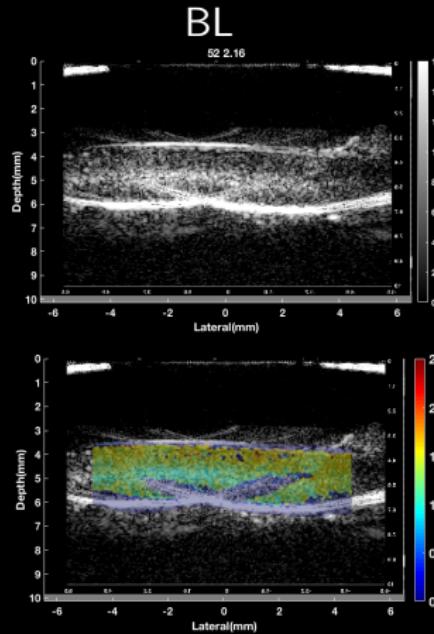


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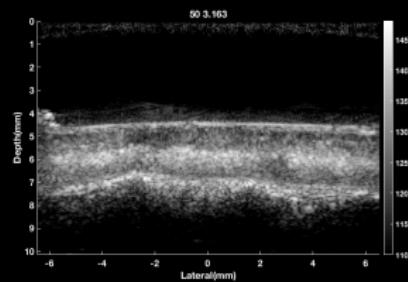
Chronic



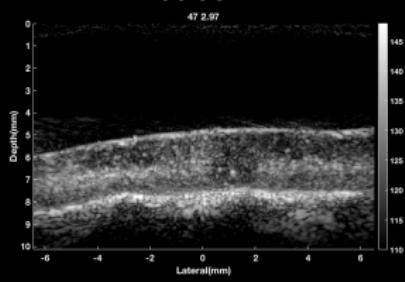


# Severe (200kd) - Rat 100 Arrival Time Delay heatmaps

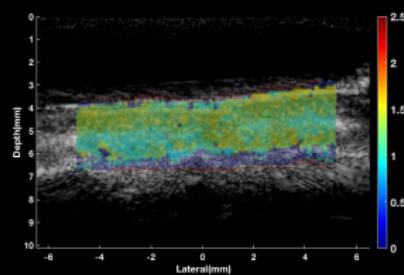
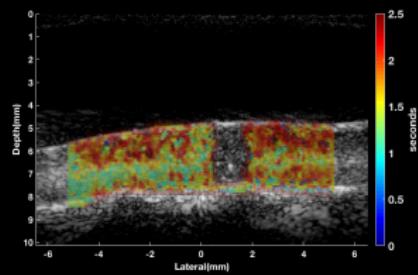
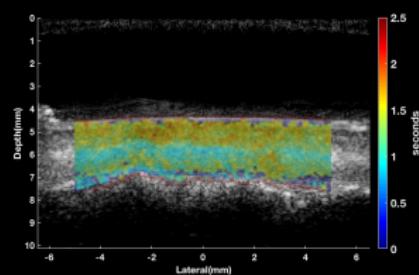
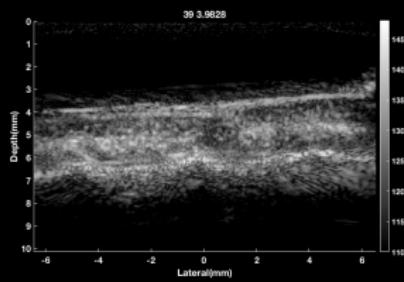
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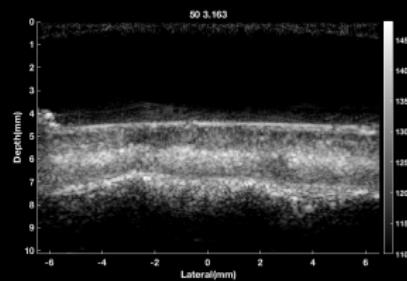


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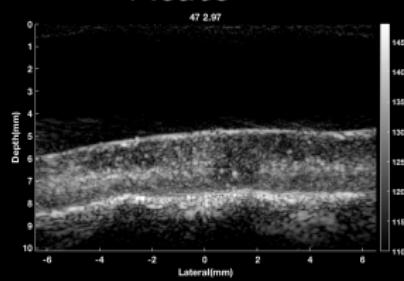


# Severe (200kd) - Rat 100 Peak Intensity heatmaps

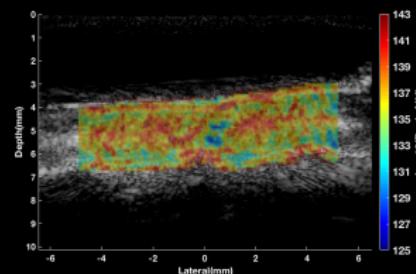
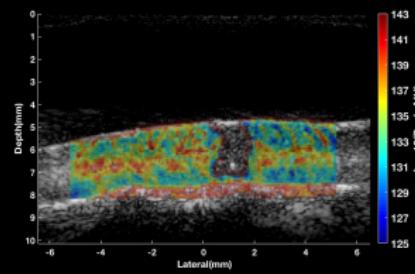
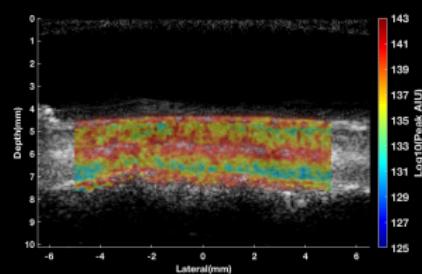
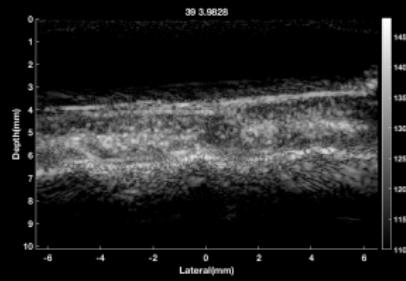
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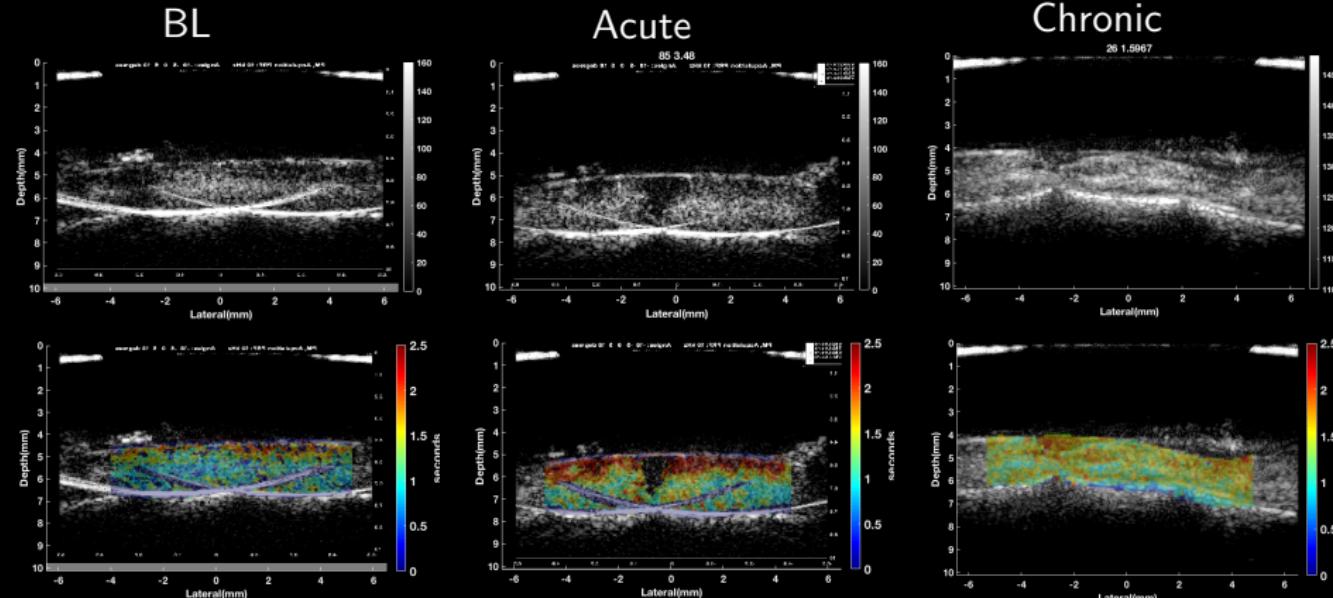
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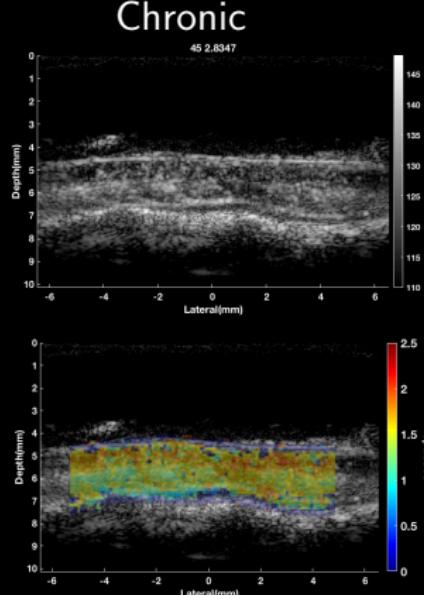
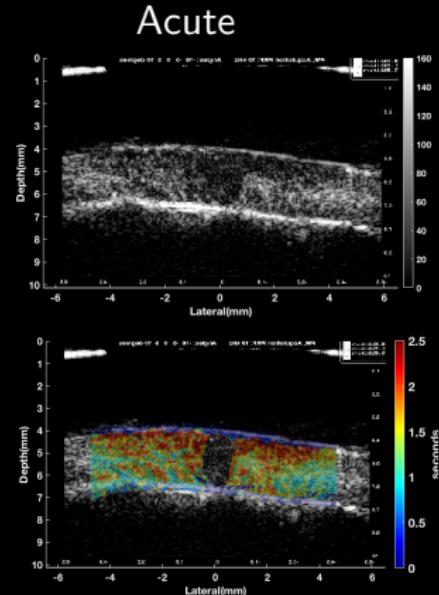
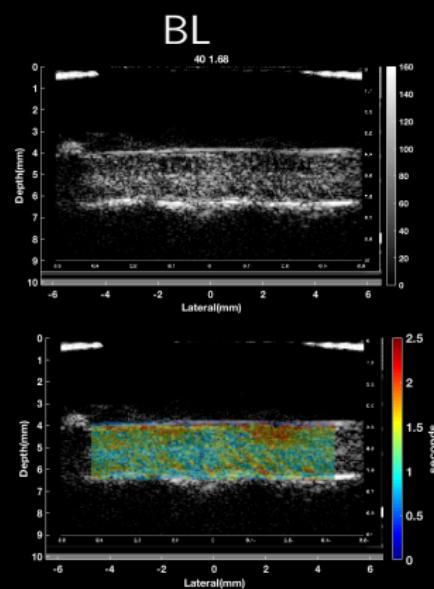


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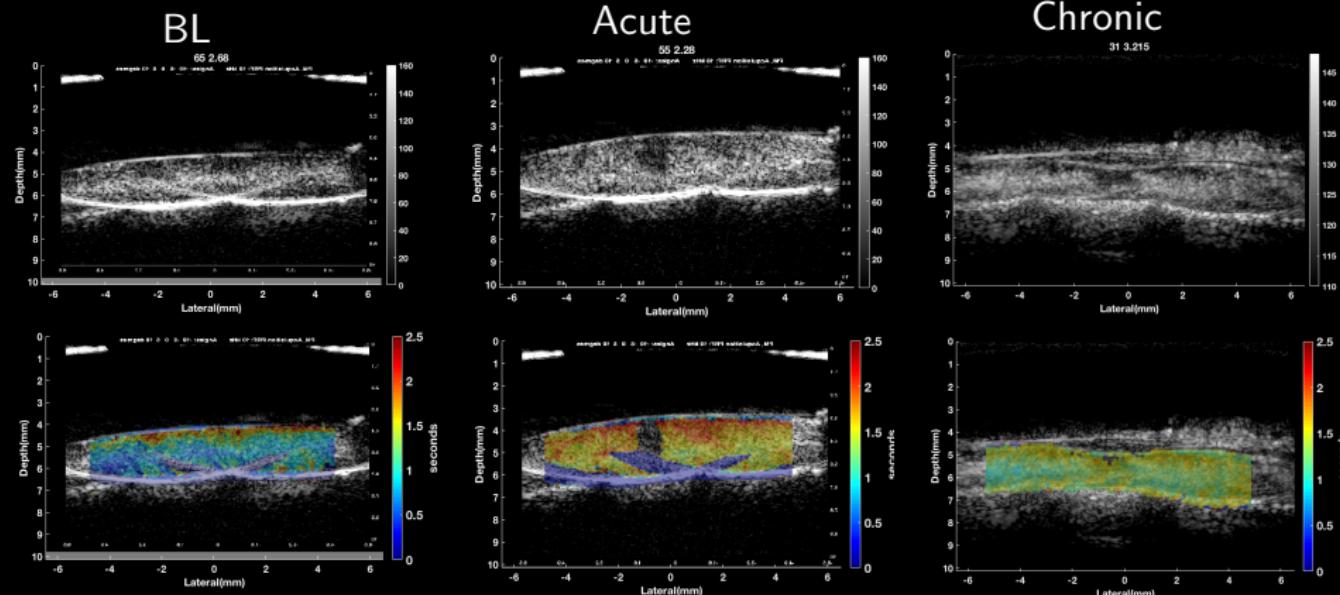


# Severe (200kd) - Rat 96 Arrival Time Delay heatmaps





# Severe (200kd) - Rat 90 Arrival Time Delay heatmaps



# Severe (200kd) - Rat 83 Arrival Time Delay heatmaps

