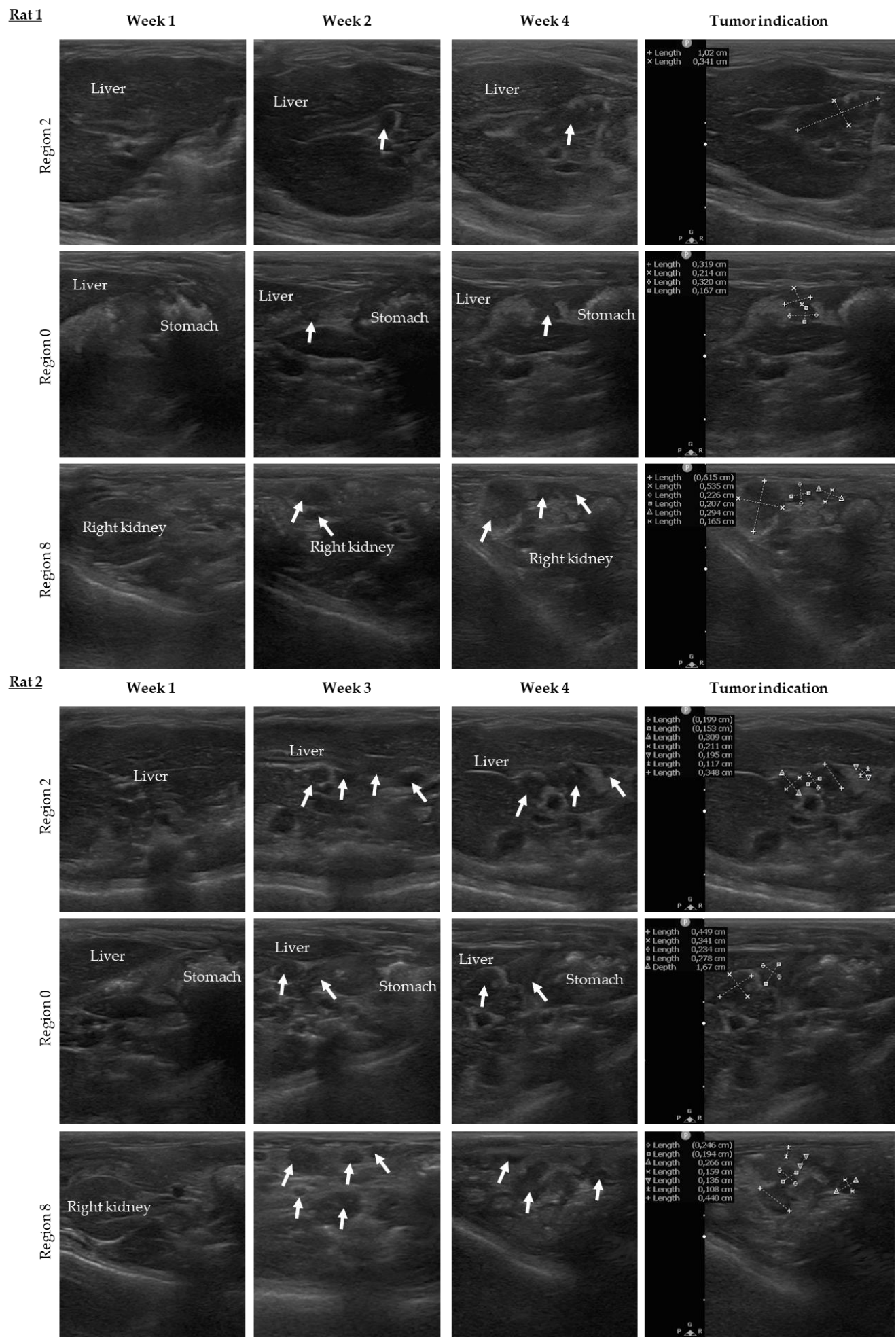


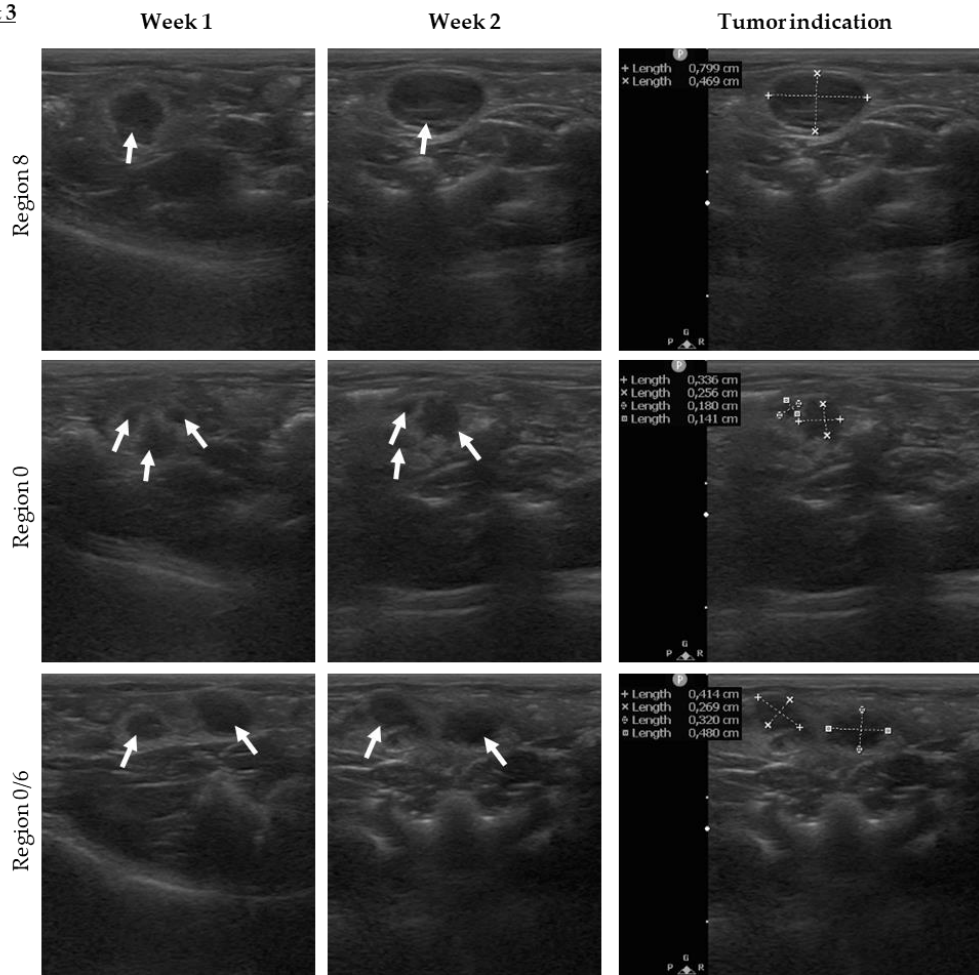
Supplementary Figure S1. Ultrasound settings

Ultrasound parameters	Setting
System	NZE1700 CX50
Transducer	L15-7io
Depth	2.5 cm
Frequency	42 Hz
Mode	2D, Res
Focal zone	1-2
Gain (Gn)	90
Compress (C)	66
Decibels	-0.3 dB
Mechanical Index (MI)	0.5
Thermal Index Soft Tissue (TIS)	0.1

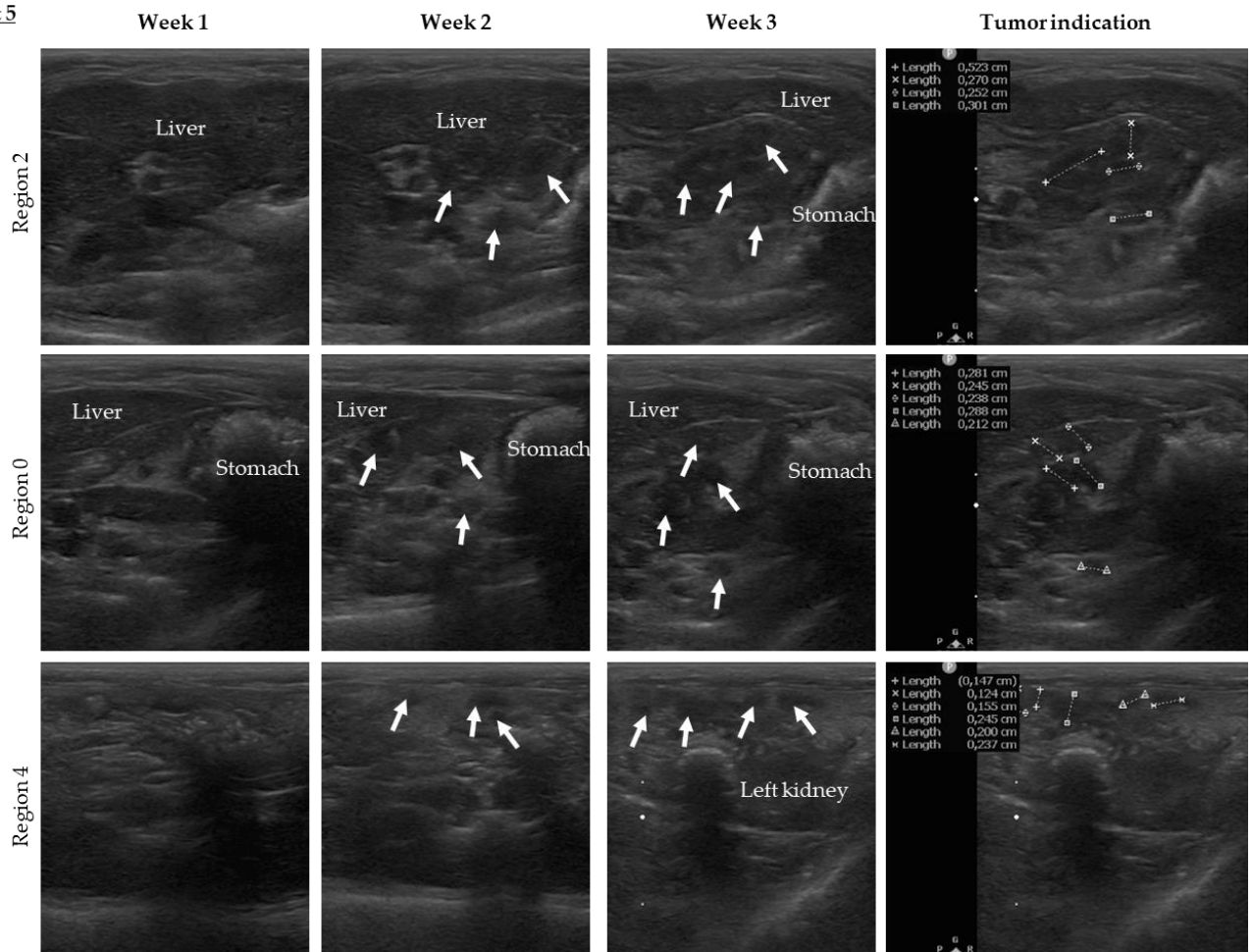
Supplementary Figure S2 . The tumor growth over time is presented for three regions in rat 1,2,3,5 and 6



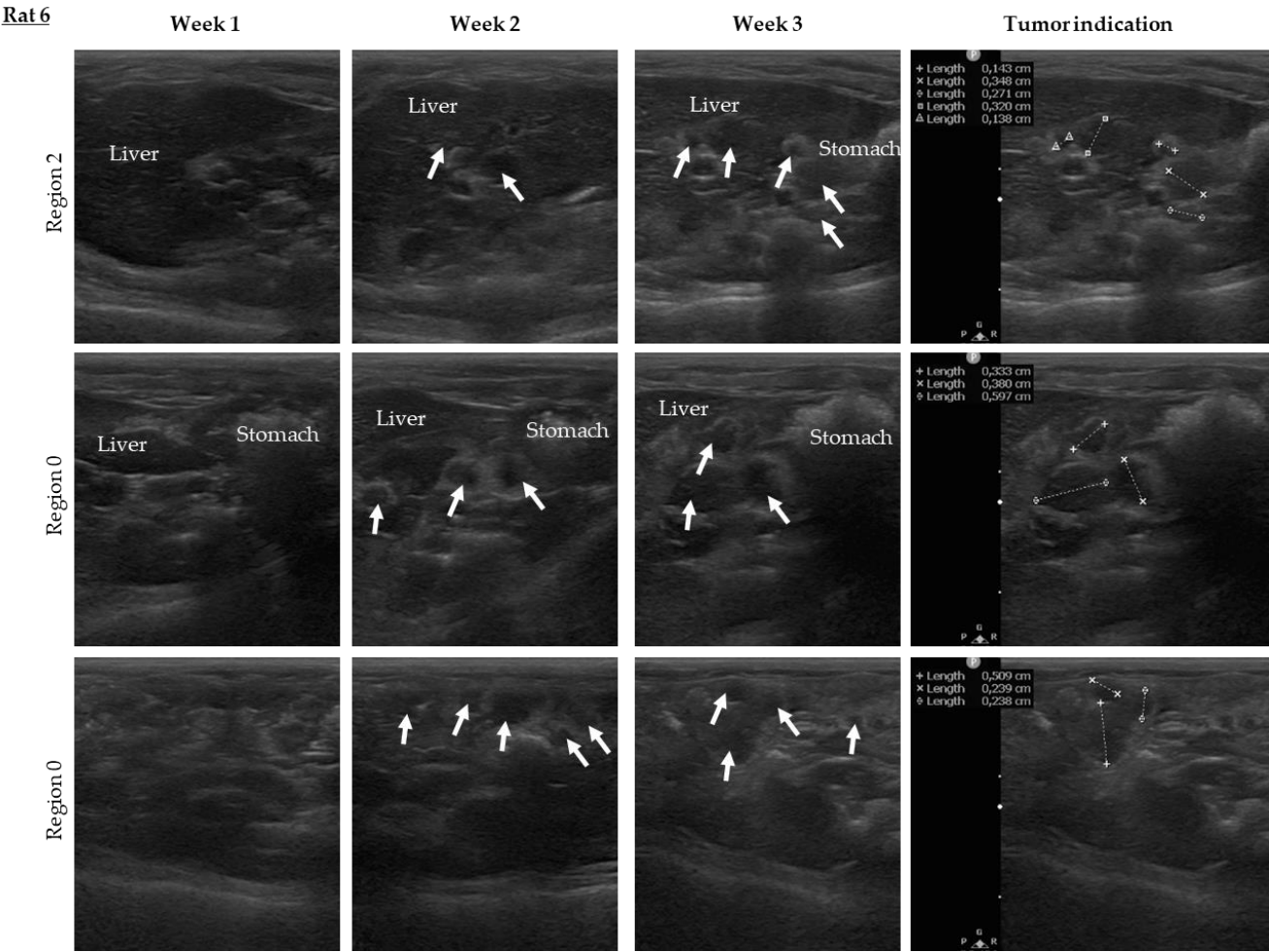
Rat 3



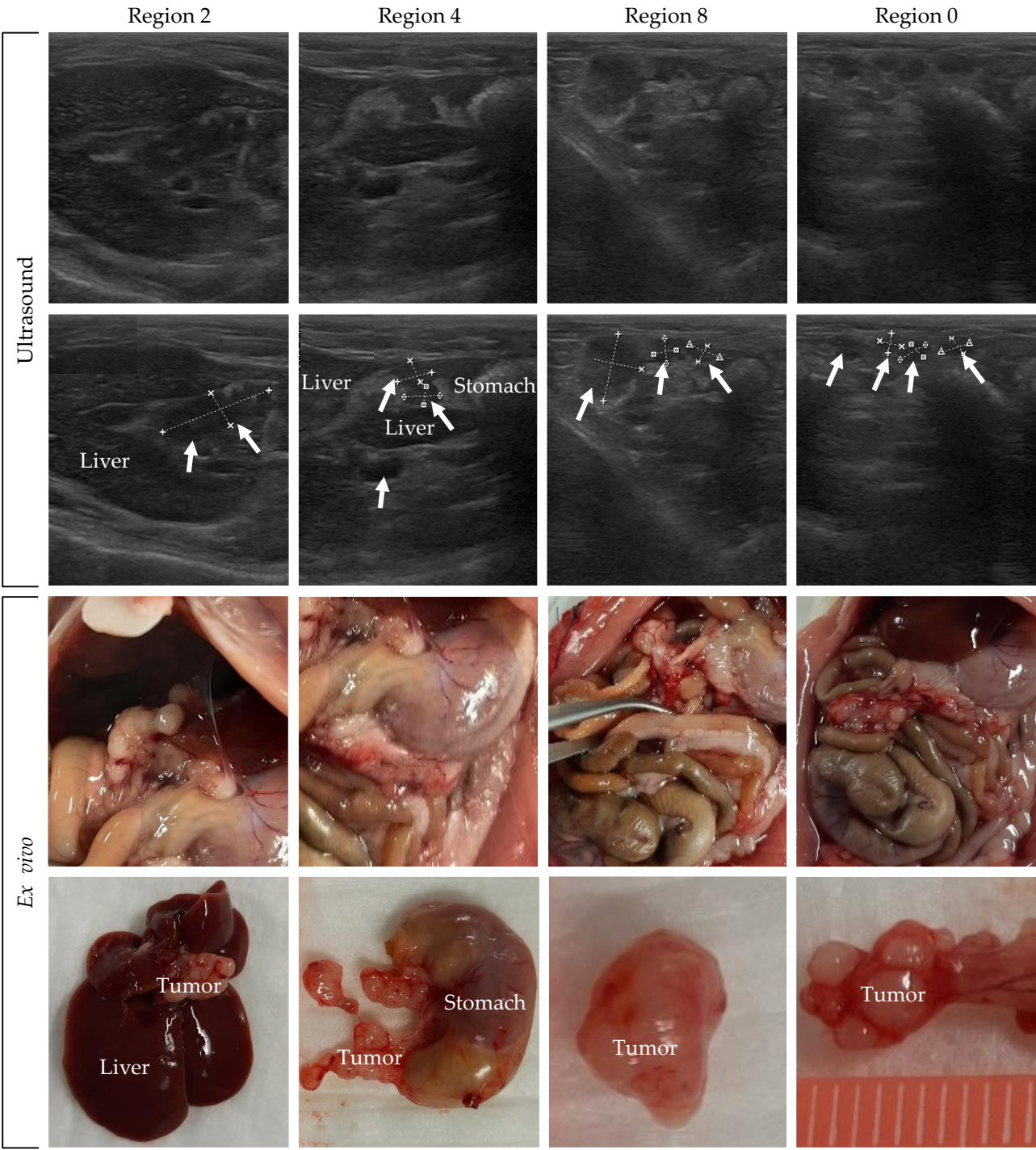
Rat 5



Supplementary Figure S2. The tumor growth over time is presented for three regions in rat 1,2,3,5 and 6.



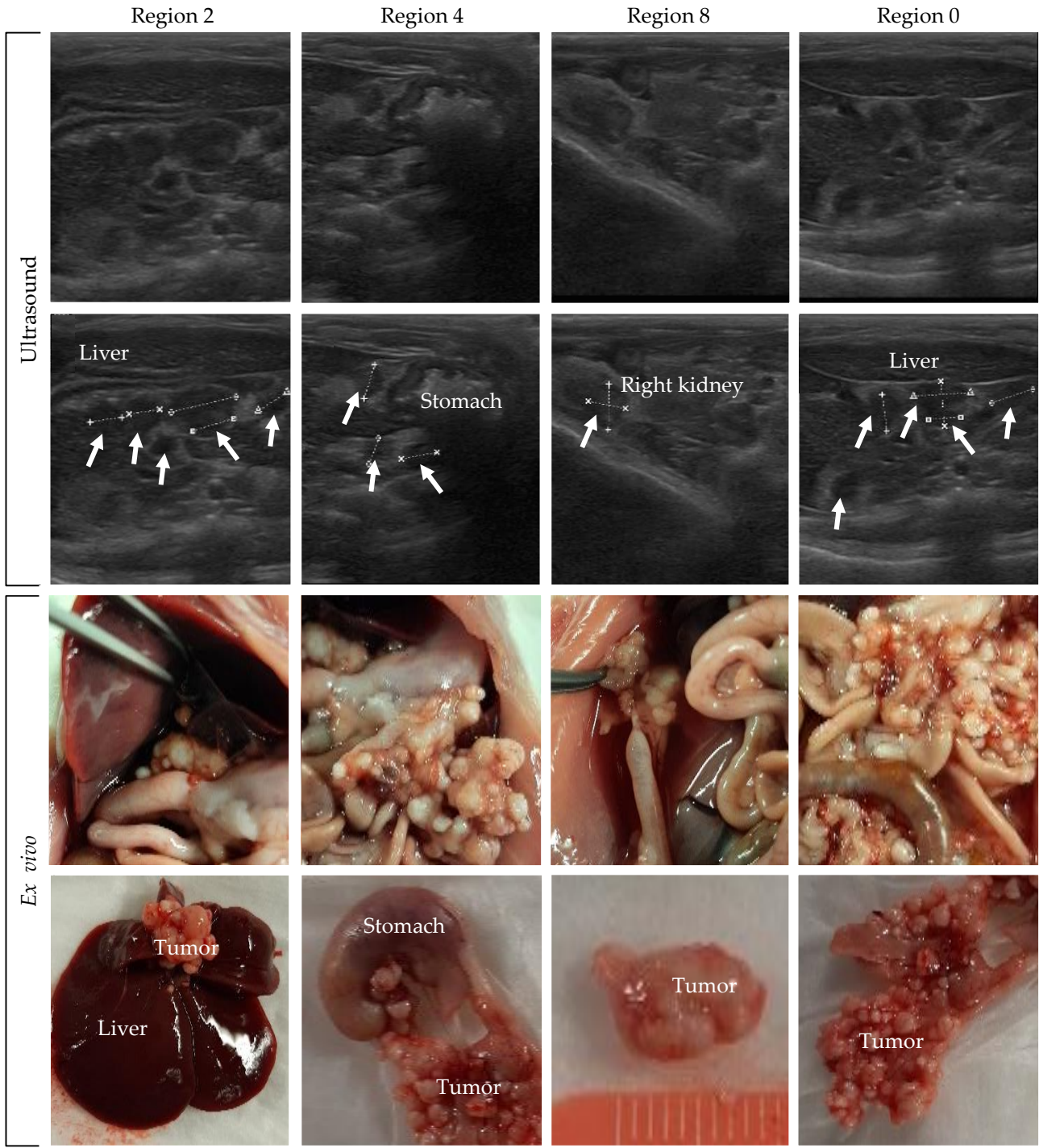
Supplementary Figure S4. Tumors on ultrasound compared to the *ex vivo* tumor load for rat 1, 2, 3, 5 and 6
Rat 1 – PCI score of 12



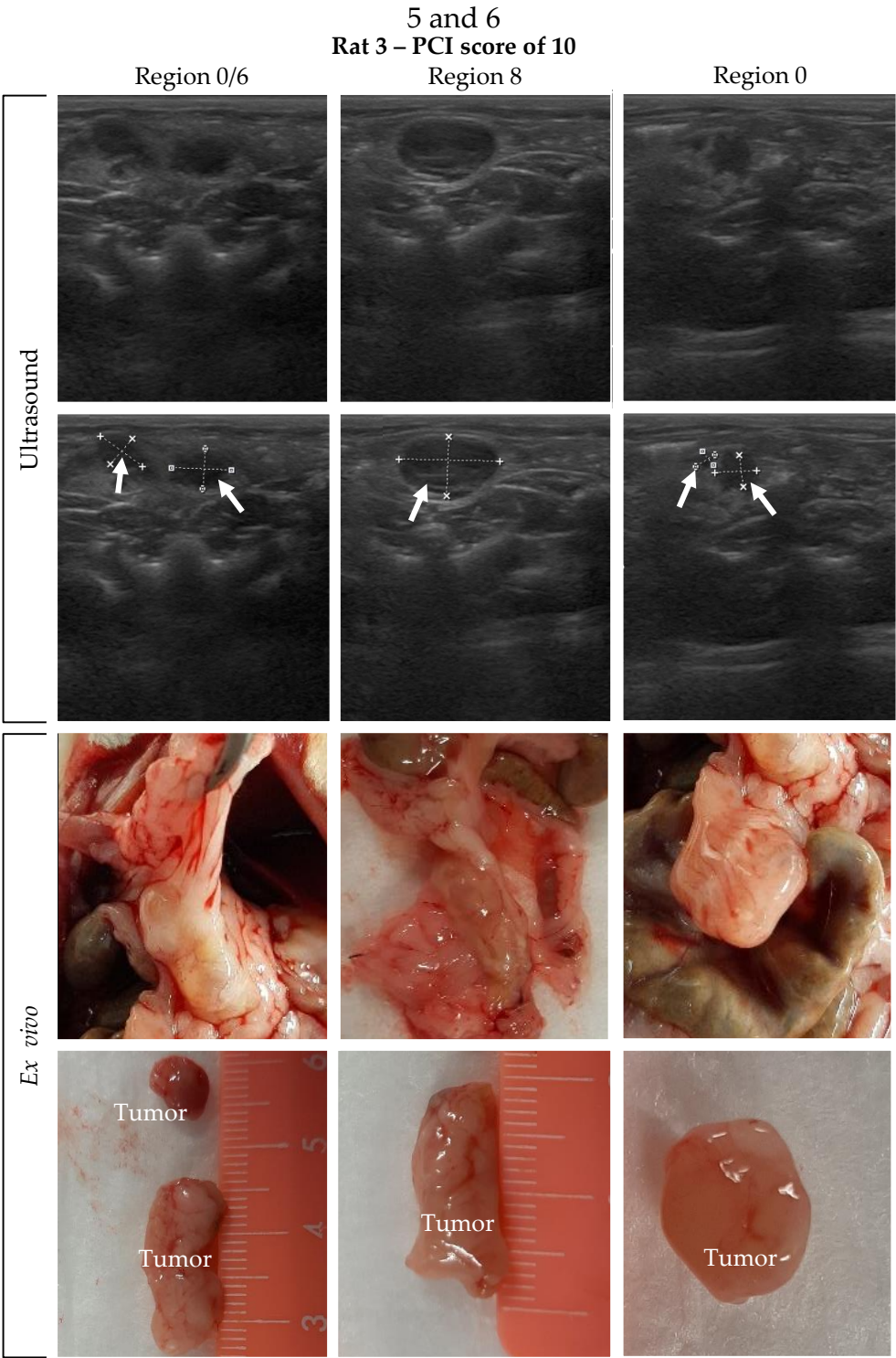
Supplementary Figure S4. Tumors on ultrasound compared to the *ex vivo* tumor load for rat 1, 2, 3,

5 and 6

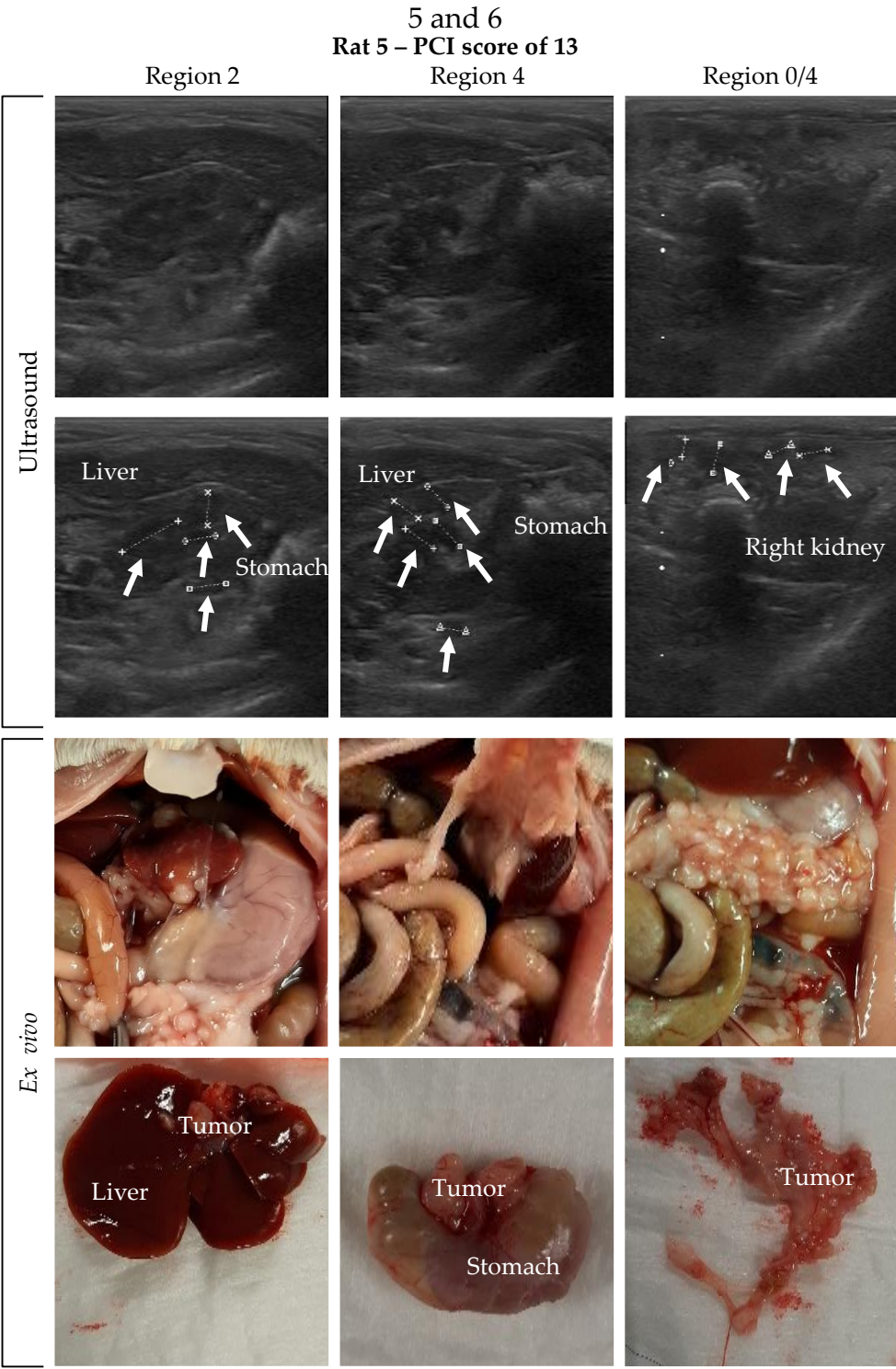
Rat 2 – PCI score of 17



Supplementary Figure S4. Tumors on ultrasound compared to the *ex vivo* tumor load for rat 1, 2, 3,



Supplementary Figure S4. Tumors on ultrasound compared to the *ex vivo* tumor load for rat 1, 2, 3,



Supplementary Figure S4. Tumors on ultrasound compared to the *ex vivo* tumor load for rat 1, 2, 3, 5 and 6
Rat 6 – PCI score of 10

