

Table 1: **S4 Table. Pathology case 1 (CASE 1).**

	<b>THC</b> [ $\mu\text{M}$ ]	<b>StO<sub>2</sub></b> [%]	<b>BFI</b> [ $\text{cm}^2/\text{s}$ ] $\times 10^{-9}$	$\mu_{s,785}$ [ $\text{cm}^{-1}$ ]
Muscle (right)	82.6 $\pm$ 0.8	71.9 $\pm$ 1.2	7.2 $\pm$ 0.2	7.5 $\pm$ 0.1
Gland location 1 (right)	138.5 $\pm$ 1.6	74.1 $\pm$ 0.5	12.9 $\pm$ 1.2	5.9 $\pm$ 0.1
Gland location 2 (right)	134.7 $\pm$ 1.2	70.2 $\pm$ 0.5	12.9 $\pm$ 1.1	5.2 $\pm$ 0.1
Gland location 2 (left)*	<b>201.3 <math>\pm</math> 3.7</b>	<b>72.9 <math>\pm</math> 2.2</b>	<b>33.1 <math>\pm</math> 3.4</b>	<b>5.7 <math>\pm</math> 0.3</b>
Gland location 1 (left)*	<b>221.2 <math>\pm</math> 11.4</b>	<b>71.6 <math>\pm</math> 3.3</b>	<b>62.8 <math>\pm</math> 6.4</b>	<b>5.5 <math>\pm</math> 0.1</b>
Muscle (left)	92.7 $\pm$ 1.5	66.1 $\pm$ 3.3	17.9 $\pm$ 4.1	7.7 $\pm$ 0.3
Gland center (right)	141.8 $\pm$ 2.4	71.8 $\pm$ 2.8	12.5 $\pm$ 0.5	5.9 $\pm$ 0.2
Gland center (left)*	<b>210.0 <math>\pm</math> 6.1</b>	<b>71.6 <math>\pm</math> 0.8</b>	<b>40.6 <math>\pm</math> 3.0</b>	<b>5.7 <math>\pm</math> 0.1</b>

Total hemoglobin concentration (THC), oxygen saturation (StO<sub>2</sub>), blood flow index (BFI) and the reduced scattering coefficient ( $\mu_{s'}$ ) for all eight measurement locations according to the study protocol for this patient. Values are means and according standard deviations of several probe placements. \* denotes the nodule locations