

EXHIBIT C

Claim Term	UBC's Proposed Construction	UBC's Supporting Evidence	Defendants' Proposed Construction	Defendants' Supporting Evidence
<p>“quality assessment value”</p> <p>(’591 patent, claims 1-3, 5, 7-17, 19; ’029 patent, claims 1, 9-14, 21, 27-30)</p>	<p>Plain and ordinary meaning / no construction required.</p>	<p>Intrinsic Evidence:</p> <p><i>See e.g.,</i></p> <p>’591 patent (UBC_CAPTION_00001187-1230) at abstract, 1:15-2:65, 3:64-4:4, 4:15-17, 4:27-33, 4:40-43, 4:46-48, 4:55-57, 3:3-55, 5:8-45, 5:62-6:20, 7:11-19, 8:53-9:18, 11:27-41, 12:7-55, 13:62-14:4, 14:38-17:47, 18:12-35, 20:7-63, 21:22-59, 23:43-46, 24:1-25, 24:42-46, 25:19-48, 25:65-26:2, 26:13-27:2, 27:13-20, 27:48-30:33, 30:48-34:7, Figs. 2-3, 8, 12-13, 16, 18, 21, claims 1-3, 5, 7-17, 19.</p> <p>’029 patent (UBC_CAPTION_00002175-2204) at abstract, 1:16-49, 2:8-49, 2:51-62, 3:33-65, 4:12-21, 4:37-46, 4:61-5:59, 6:42-55, 6:56-7:42, 8:37-51, 9:64-10:8, 11:30-42, 12:52-13:48, 14:54-15:26, 16:1-13, 16:39-64, 17:23-4, 18:7-53, 19:8-28, 19:36-20:26, 20:35-49, 22:11-15, 22:33-42, Figs. 2-4, 10-12, claims 1, 9-14, 21, 27-30.</p> <p>’591 File History (UBC_CAPTION_00000233-1177), 10/22/2018 Appl., 3/15/2019 Prelim.</p>	<p>score of diagnostic image quality</p>	<p>Intrinsic Evidence:</p> <p>[’591 patent: 5:30-45, 5:62-67, 6:17-20, 14:50-15:54, 20:25-35, Fig. 12 (424), Fig. 13 (442), Fig. 18 (784), claim 2]</p> <p>[’029 patent: 5:5-22, 5:38-39, 6:52-55, 7:7-14, 7:15-32, 16:50-58]</p>

		<p>Amdt., 5/5/2021 Office Action, 8/5/2021 Applicant Resp., 8/18/2021 Notice of Allowance.</p> <p>'029 File History (UBC_CAPTION_00002214-2956), 8/30/2019 Appl., 1/8/2020 Office Action, 3/19/2020 Applicant Resp., 6/25/2020 Notice of Allowance.</p> <p>Extrinsic Evidence:</p> <p><i>See e.g., Automatic Detection of Proper Views in Apical Four-Chamber Echocardiography Using Deep Convolutional Neural Networks (UBC_CAPTION_00000001-6), Automatic quality assessment of apical four-chamber echocardiograms using deep convolutional neural networks (UBC_CAPTION_00002128-2134), Automatic Quality Assessment of Echocardiograms Using Convolutional Neural Networks: Feasibility on the Apical Four-Chamber View (UBC_CAPTION_00002135-2144), Quality Assessment of Echocardiographic Cine Using Recurrent Neural Networks: Feasibility on Five Standard View Planes (UBC_CAPTION_00002145-2153).</i></p>		
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Claim Term	UBC's Proposed Construction	UBC's Supporting Evidence	Defendants' Proposed Construction	Defendants' Supporting Evidence
<p>“determining that a [first/second] set of assessment parameters of the sets of assessment parameters is associated with the [first/second] view category”</p> <p>(’591 patent, claims 1, 11, 15)</p>	<p>Plain and ordinary meaning / no construction required.</p>	<p>Intrinsic Evidence:</p> <p><i>See e.g.,</i></p> <p>’591 patent (UBC_CAPTION_00001187-1230) at abstract, 1:38-3:55, 4:1-4, 4:7-9, 3:24-26, 3:40-43, 5:8-29, 5:30-45, 9:37-10:18, 11:27-12:6, 13:62-14:26, 14:50-15:54, 17:48-18:57, 20:55-22:52, 25:33-26:2, 26:13-45, 27:21-41, 28:53-29:7, 29:42-30:6, 30:55-31:10, 32:24-46, 33:21-34:7, Figs. 3, 5, 11, 16, claims 1, 11, 15.</p> <p>’591 File History (UBC_CAPTION_00000233-1177), 10/22/2018 Appl., 3/15/2019 Prelim. Amdt., 5/5/2021 Office Action, 8/5/2021 Applicant Resp., 8/18/2021 Notice of Allowance.</p> <p>Extrinsic Evidence:</p> <p><i>See e.g., Automatic Detection of Proper Views in Apical Four-Chamber Echocardiography Using Deep Convolutional Neural Networks (UBC_CAPTION_00000001-6), Automatic quality assessment of apical four-chamber echocardiograms using deep convolutional neural</i></p>	<p>determining which of the respective sets of assessments parameters is associated with the [first/second] view category</p>	<p>Intrinsic Evidence:</p> <p>[’591 patent: Fig. 2 (142, 146), Fig. 7 (302), Fig. 10 (342), Fig. 11 (402), 8:43-52, 8:57-65, 9:16-18, 10:47-51, 10:62-11:23, 11:34-44, 11:52-59, 13:26-37, 13:48-52, 13:62-14:26, 34:42-46]</p> <p>[Prosecution History of the ’591 patent: UBC_CAPTION_00001133-1138]</p>

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		<p><i>networks</i> (UBC_CAPTION_00002128-2134), <i>Automatic Quality Assessment of Echocardiograms Using Convolutional Neural Networks: Feasibility on the Apical Four-Chamber View</i> (UBC_CAPTION_00002135-2144), <i>Quality Assessment of Echocardiographic Cine Using Recurrent Neural Networks: Feasibility on Five Standard View Planes</i> (UBC_CAPTION_00002145-2153).</p>		
<p>“in response to determining that the [first/second] set of assessment parameters is associated with the [first/second] view category, inputting the [first/second] at least one echocardiographic image into the neural network</p>	<p>Plain and ordinary meaning / no construction required.</p>	<p>Intrinsic Evidence: <i>See e.g.</i>, ’591 patent (UBC_CAPTION_00001187-1230) at abstract, 1:38-3:55, , 4:1-4, 4:7-9, 3:24-26, 3:40-43, 5:8-29, 5:30-45, 9:37-10:30, 11:27-12:6, 13:62-14:49, 15:55-16:11, 17:48-18:61, 20:55-22:52, 25:33-26:2, 26:13-45, 27:21-41, 28:53-29:7, 29:42-30:6, 30:55-</p>	<p>in response to determining that the [first/second] set of assessment parameters is associated with the [first/second] view category, inputting the [first/second] at least one echocardiographic image into the respective neural network defined by</p>	<p>Intrinsic Evidence: [’591 patent: Fig. 2 (146), Fig. 8 (374), Fig. 10 (340, 342), Fig. 11 (404) 13:5-37, 13:44-52, 14:27-49] [Prosecution History of the ’591 patent: UBC_CAPTION_00001133-1138]</p>

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<p>defined by the [first/second] set of assessment parameters”</p> <p>(’591 patent, claims 1, 11, 15)</p>		<p>31:10, 32:24-46, 33:21-34:7, Figs. 3, 5, 11, 16, claims 1, 11, 15.</p> <p>’591 File History (UBC_CAPTION_00000233-1177), 10/22/2018 Appl., 3/15/2019 Prelim. Amdt., 5/5/2021 Office Action, 8/5/2021 Applicant Resp., 8/18/2021 Notice of Allowance.</p> <p>Extrinsic Evidence:</p> <p><i>See e.g., Automatic Detection of Proper Views in Apical Four-Chamber Echocardiography Using Deep Convolutional Neural Networks</i> (UBC_CAPTION_00000001-6), <i>Automatic quality assessment of apical four-chamber echocardiograms using deep convolutional neural networks</i> (UBC_CAPTION_00002128-2134), <i>Automatic Quality Assessment of Echocardiograms Using Convolutional Neural Networks: Feasibility on the Apical Four-Chamber View</i> (UBC_CAPTION_00002135-2144), <i>Quality Assessment of Echocardiographic Cine Using Recurrent Neural Networks:</i></p>	<p>the [first/second] set of assessment parameters</p>	

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		<i>Feasibility on Five Standard View Planes</i> (UBC_CAPTION_00002145-2153).		
<p>“each of the plurality of predetermined echocardiographic image view categories is associated with a respective set of assessment parameters, each of the sets of assessment parameters being a set of neural network parameters that define a neural network having a plurality of layers”</p> <p>(’591 patent, claims 1, 11, and 15)</p>	<p>Plain and ordinary meaning / no construction required.</p>	<p>Intrinsic Evidence:</p> <p><i>See e.g.,</i></p> <p>’591 patent (UBC_CAPTION_00001187-1230) at abstract, 2:13-18, 2:59-65, 3:45-55, 3:64-4:9, 4:15-26, 4:34-43, 5:67-6:6, 8:53-10:61, 11:34-14:49, 18:27-62, 20:55-63, 21:47-23:7, Figs. 2-5, 8-11, 14-16, claims 1, 11, and 15.</p> <p>’591 File History (UBC_CAPTION_00000233-1177), 10/22/2018 Appl., 3/15/2019 Prelim. Amdt., 5/5/2021 Office Action, 8/5/2021 Applicant Resp., 8/18/2021 Notice of Allowance.</p>	<p>each of the plurality of predetermined echocardiographic image view categories is associated with a respective set of assessment parameters, each of the sets of the assessment parameters being a set of neural network parameters that define a respective view-category-specific neural network</p>	<p>Intrinsic Evidence:</p> <p>[’591 patent: 6:13-16, 8:53-65, 8:66-9:16, 9:16-18, 11:34-45, 11:52-59, 12:7-21, 12:31-41, 13:26-37, 13:48-52, 13:67-14:37, 14:43-49, 24:1-9, Fig. 8 (364, 370, 372, 374, 376, 378), Fig. 10 (“View category specific neural network record”), Fig. 16 (706 (“train the plurality of neural networks”))]</p> <p>[Prosecution History of the ’591 patent: UBC_CAPTION_00001133-1138 (“utilizing respective neural networks”) (“into a respective neural network”) (“Each neural network is defined by a respective set of assessment parameters associated with one of a plurality of predetermined view categories”) (“neural networks defined by the first and second set of assessment parameters, respectively”) (“using two respective neural networks corresponding to the respective view category”) (“the claimed use of a first neural network defined by a first set of assessment parameters ... and</p>

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				use of a second neural network defined by a second set of assessment parameters ..., wherein the assessment parameters defining each network are associated with a view category”)]
<p>“extracted feature representations” (’029 patent, claims 1, 3-5, 7, 9-10, 14, 19, 21, 26-28, 30)</p>	<p>Feature representations that are learned using a neural network</p>	<p>Intrinsic Evidence: <i>See e.g.</i>, ’029 patent (UBC_CAPTION_00002175-2204) at abstract, 1:51-2:7, 2:51-57, 2:67-3:23, 4:9-30, 4:40-46, 6:33-41, 9:64-12:51, 16:1-8, Figs. 1-7, 11-12, claims 1, 3-5, 7, 9-10, 14, 19, 21, 26-28, 30. ’029 File History (UBC_CAPTION_00002214-2956), 8/30/2019 Appl., 1/8/2020 Office Action, 3/19/2020 Applicant Resp., 6/25/2020 Notice of Allowance.</p>	<p>data representing extracted features</p>	<p>Intrinsic Evidence: [’029 patent: 1:55-59, 1:66-2:5, 2:51-65, 6:35-41, 10:9-16, 10:40-11:12, 11:30-42, 11:51-60, 12:28-31, 12:42-48, 13:34-36, 23:4-26]</p>