

Supplemental Table 1. Cost calculations for input parameters.

	Quantity	Unit Cost (€)	Total Cost (€)	Source
Index Procedure				
<i>Diagnostics</i>				
Cardiac MRI	1	376.91	376.91	(1)
Cardiac Ultrasound	1	139.49	139.49	(1)
Thorax X-Ray	1	61.27	61.27	(1)
Lab work	2	44.46	88.92	(1)
<i>CRT</i>				
Procedural Costs	1	1,432.74	1,432.74	(2)
Biventricular ICD	0.8	12,387.68	9,910.14	(2)
Biventricular Pacemaker	0.2	6,644.83	1,328.97	(2)
<i>Admission</i>				
General Ward Admission	2	668.24	<u>1,336.48</u>	(3)
			14,814.14	
Procedural Complications				
<i>Pocket Infection</i>				
PET/CT Thorax	1	850.99	850.99	(1)
Transesophageal Ultrasound	1	263.81	263.81	(1)
ICD Removal	1	1,039.19	1,039.19	(2)
Pocket Revision	1	956.46	956.46	(2)
ICD Implantation	1	1,045.41	1,045.41	(2)
ICD Device	1	11,594.87	11,594.87	(2)
General Ward Admission	7	668.27	<u>4,677.89</u>	(3)
			20,428.62	
<i>Pneumothorax</i>				
Thorax X-Ray	1	61.27	61.27	(1)
Thorax Drain	1	788.27	788.27	(1)
General Ward Admission	3	668.24	<u>2,004.72</u>	(3)
			2,854.26	
<i>Wire Dislocation</i>				
Thorax X-Ray	2	61.27	122.54	(1)
Replacement CRT Leads	1	600.75	600.75	(2)
General Ward Admission	2	668.24	<u>1,336.48</u>	(3)
			2,059.77	
Follow-up				
Outpatient Visit	1	169.86	169.86	(1)
Lab work	1	44.46	<u>44.46</u>	(1)
			214.32	

Supplemental Table 2. Cost calculations for various health states.

	Quantity	Unit Cost (€)	Total Cost (€)	Source
Additional Healthcare Costs Model Health States				
<i>Decompensation I</i>				
Cardiac Ultrasound	1	139.49	139.49	(1)
General Ward Admission	7	668.24	<u>4,677.68</u>	(3)
			4,817.17	
<i>Decompensation II</i>				
Cardiac Ultrasound	1	139.49	139.49	(1)
Central Venous Line	1	365.38	365.38	(1)
Cardiac Care Unit Admission	14	1,986.48	<u>27,810.72</u>	(3)
			28,316.59	
<i>Decompensation III</i>				
Cardiac Ultrasound	1	139.49	139.49	(1)
Central Venous Line	1	365.38	365.38	(1)
Implantation Ventricle Assist Device (LVAD)	1	5,388.58	5,388.58	(2)
Materials LVAD	1	87,292.15	87,292.15	(2)
Cardiac Care Unit Admission	28	1,986.48	<u>55,621.44</u>	(3)
			148,807.04	
<i>LVAD</i>				
Considered equal to Decompensation III	1	148,807.04	148,807.04	(1-3)
<i>Transplantation</i>				
Heart Transplantation including Admission	1	37,579.47	37,579.47	(4)

References

1. Performance and Tariffs Specialist Medical Care (Prestaties en tarieven medisch-specialistische zorg) [Internet]. Nederlandse Zorgauthoriteit (Netherlands Healthcare Authority) 2018 [cited 24-11-2020]. Available from: https://puc.overheid.nl/nza/doc/PUC_13408_22/.
2. Internal Calculation Department of Cardiology, UMC Utrecht
3. L. Hakkaart-van Roijen NvdL, C. Bouwmans, T. Kanters, S. Swan Tan. Methodologie van kostenonderzoek en referentieprijzen voor economische evaluaties in de gezondheidszorg (Manual for cost analyses, methods and referenceprices for economic evaluations in healthcare). Diemen, the Netherlands: Zorginstituut Nederland (Netherlands National Healthcare Institute); 2016.
4. Open data van de Nederlandse Zorgauthoriteit [Internet]. Nederlandse Zorgauthoriteit (Netherlands Healthcare Authority). 2020. Available from: www.opendisdata.nl