

E-Appendix 1: Average Overall, and Age-Stratified, Single and Combination Prescription PAH Drug Therapy Costs per Month in Ontario, from April 1, 2011 to March 31, 2012

PAH Drug Therapy	Overall (N=301) Average Costs per Month (Mean, SD)	Aged<65 (N=152) Average Costs per Month (Mean, SD)	Aged>=65 (N=149) Average Costs per Month (Mean, SD)	p-value Age<65 vs. Age ≥ 65
Overall Single Therapy	\$2,801 (\$1,550)	\$2,833 (\$1,546)	\$2,767 (\$1,561)	0.746
Overall Combination Therapy	\$4,569 (\$1,544)	\$4,420 (\$1,504)	\$4,713 (\$1,591)	0.435
TYPES OF SINGLE THERAPY INITIATED				
PDE5 Inhibitors	\$880 (\$380)	\$816 (\$410)	\$920 (\$359)	0.288
ERA	\$3,609 (\$1,043)	\$3,447 (\$1,256)	\$3,762 (\$768)	0.074
Prostanoids	\$3,324 (\$1,451)	\$3,182 (\$1,282)	—*	-
TYPES OF COMBINATION THERAPY				
PDE5 Inhibitors + ERA	\$4,298 (\$917)	\$4,264 (\$970)	\$4,331 (\$879)	0.777
All Others	\$6,964 (\$3,322)	\$5,592 (\$3,701)	\$8,793 (\$1,942)	0.237
All patients on PAH Therapy	\$3,206 (\$1,716)	\$3,188 (\$1,669)	\$3,224 (\$1,768)	0.856

*Suppressed to protect privacy since ≤5 individuals are present within this patient group.

E-Appendix 2: Average Age-Stratified Health Services Utilization and Costs for the Survivor Cohort and the Deceased Cohort in Ontario, from April 1, 2011 to March 31, 2012

	Survivor Cohort			Deceased Cohort		
	Age<65 (N=155)	Age ≥ 65 (N=137)	p-value Age<65 vs. Age ≥ 65	Age<65 (N=10)	Age ≥ 65 (N=24)	p-value Age<65 vs. Age ≥ 65
OVERALL COST FOR ALL HEALTH SERVICES UTILIZATION						
Median (IQR)	\$172 (\$79 -\$587)	\$357 (\$136-\$919)	<.001	\$4,139 (\$1,817-\$11,611)	\$1,782 (\$823-\$3,205)	0.064
PHYSICIAN VISITS						
Number with any Physician Visits [N (%)]	154 (99.4%)	136 (99.3%)	0.93	10 (100%)	24 (100%)	n/a
Number of Physician Visits [Median (IQR)]	21.5 (14-39)	35 (23-51)	<.001	17.5 (15.0-34.0)	36 (16.5-47)	0.354
Costs of Physician Visits [Median (IQR)]	\$130 (\$73-\$221)	\$195 (\$113-\$289)	<.001	\$661 (\$206-\$1,588)	\$493 (\$307-\$709)	0.29
HOSPITALIZATIONS						
Number with any Hospitalizations [N (%)]	63 (40.6%)	81 (59.1%)	0.002	9 (90.0%)	19 (79.2%)	0.45

Number of Hospitalizations [Median (IQR)]	1 (1-2)	2 (1-2)	0.849	2 (1-2)	1 (1-2)	0.203
Costs of Hospitalizations [Median (IQR)]	\$364 (\$156-\$843)	\$436 (\$136-\$903)	0.828	\$3,419 (\$1,576-\$8,597)	\$1,304 (\$645-\$4,960)	0.147
EMERGENCY DEPARTMENT VISITS						
Number with any Emergency Department Visits [N (%)]	70 (45.2%)	74 (54%)	0.131	10 (100%)	21 (87.5%)	0.242
Number of Emergency Department Visits [Median (IQR)]	2 (1-4)	2 (1-4)	0.887	2 (1-3)	2 (1-3)	0.641
Costs of Emergency Department Visits [Median (IQR)]	\$57 (\$20-\$114)	\$65 (\$32-\$126)	0.167	\$250 (\$167-\$455)	\$193 (\$101-\$292)	0.331