

Appendix 2. The supplementary tables and the estimation of lives saved

Given the increasing trend of DLMDRG in 35-54 years old and decreasing survival of IHCA to discharge in 18-34 years before BTF, we conservatively used the respective 2009 year incidence rate as the baseline rate (i.e, 0.43/1000 admission for DLMDRG and 41.18% for IHCA survival). We used the rate of DLMDRG between 2007-2009 among 75 years and older as the baseline rate (i.e, 9.5/1000 admissions) as our modelling results showed no significant change of rates over the period. The overall numbers of lives save were derived through the summary of potential lives saved at each year (i.e, 2011-2013) which in term was calculated through subtracting the baseline rate from the annual rate and time the denominator of that year.

Table S1: The number of DLMDRG across age groups by year

Year	18 - 34yr	35 – 54yr	55 - 74yr	>=75yr	Total
2007	8	12	81	388	489
2008	8	25	83	475	591
2009	4	30	77	433	544
2010	7	26	84	411	528
2011	7	13	67	421	508
2012	8	22	81	402	513
2013	11	16	68	375	470
Total	53	144	541	2,905	3,643

Table S2: The number of LMDRG admissions across age groups by year

Year	18 - 34yr	35 – 54yr	55 - 74yr	>=75yr	Total
2007	65,240	67,517	53,263	43,040	229,060
2008	64,708	68,823	55,899	45,742	235,172
2009	63,124	69,200	58,109	47,524	237,957
2010	64,119	71,066	61,340	51,132	247,657
2011	66,278	71,745	63,730	52,473	254,226
2012	68,579	74,150	65,176	53,157	261,062
2013	71,030	76,978	68,497	54,839	271,344
Total	463,078	499,479	426,014	347,907	1,736,478

Table S3: The number of IHCA events across age groups by year

Year	18 - 34yr	35 – 54yr	55 - 74yr	>=75yr	Total
2007	43	139	364	725	1271
2008	44	126	327	601	1098
2009	34	139	290	510	973
2010	35	128	331	468	962
2011	45	112	312	475	944
2012	52	118	281	409	860
2013	43	94	250	399	786
Total	296	856	2155	3587	6894