

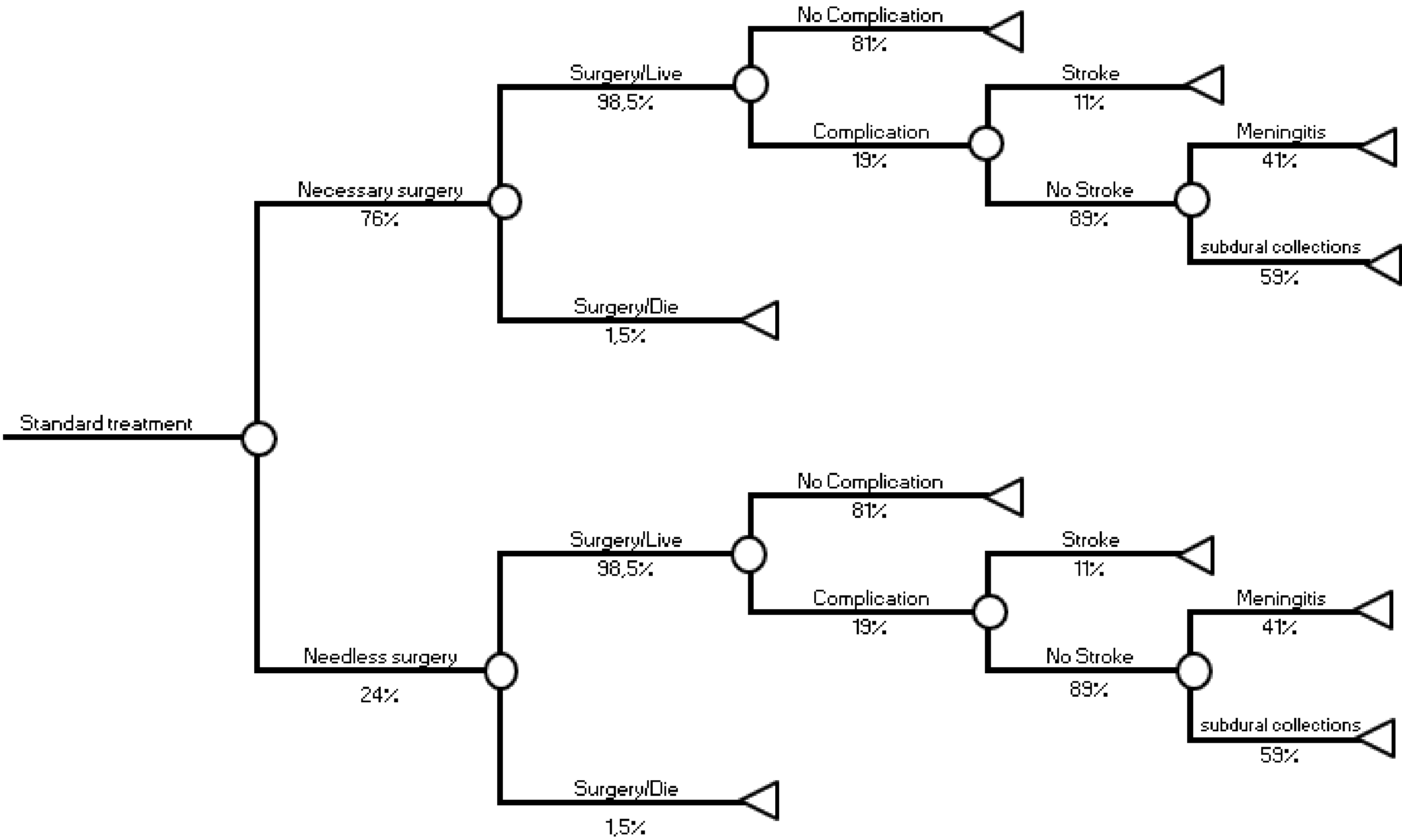
Cost-effectiveness analysis of Taptest and Continuous lumbar drainage in comparison to the standard of care in patients with suspected idiopathic normal pressure hydrocephalus from the perspective of the Brazilian Unified Health System.

Item	Point Estimation	Lower Limite	Upper Limite	Probability distribution	Fonte
Probability of successful surgery	0,76	0,73	0,79	Beta	Giordano E et al. 2018
Taptest sensitivity	0,58	0,26	0,87	Beta	Mihalh M et al. 2016
Taptest specificity	0,75	0,33	1,00	Beta	Mihalh M et al. 2016
Probability of death during surgery	0,02	0,01	0,04	Beta	Giordano E et al. 2018
Complication Probability after surgery	0,19	0,10	0,31	Beta	Giordano E et al. 2018
Complication Probability after surgery (stroke)	0,11	0,10	0,13	Beta	Giordano E et al. 2018
Complication Probability after surgery (meningitis)	0,41	0,33	0,56	Beta	Giordano E et al. 2018
Complication Probability after surgery (subdural collections)	0,59	0,67	0,44	Beta	Giordano E et al. 2018
Lumbar continuous drainage - sensitivity	0,80	0,60	1,00	Beta	Mori et al 2012
Lumbar continuous drainage -specificity	0,90	0,80	1,00	Beta	Mori et al 2013
Utility after successful surgery	0,62	0,35	0,89	Beta	Israelsson H et al. 2020
Utility stroke	0,29	0,19	0,38	Beta	Tengs T e Lin T 2003
Utility without surgery	0,45	0,14	0,76	Beta	Israelsson H et al. 2020
Utility death	0,00	0,00	0,00	NA	Tengs T e Lin T 2003
Complication cost - stroke (US\$)	311,99	298,10	328,62	Gamma	SIGTAP
complication cost - subdural collections (US\$)	1058,24	1005,11	1121,96	Gamma	SIGTAP
complication cost - meningitis (US\$)	423,19	334,40	505,00	Gamma	SIGTAP
Cost of surgery + revision (US\$)	913,23	848,07	980,61	Gamma	SIGTAP
Tap test costs (US\$)	26,02	20,81	31,22	Gamma	SIGTAP
Lumbar continuous drainage cost (US\$)	777,68	633,24	1035,72	Gamma	SIGTAP

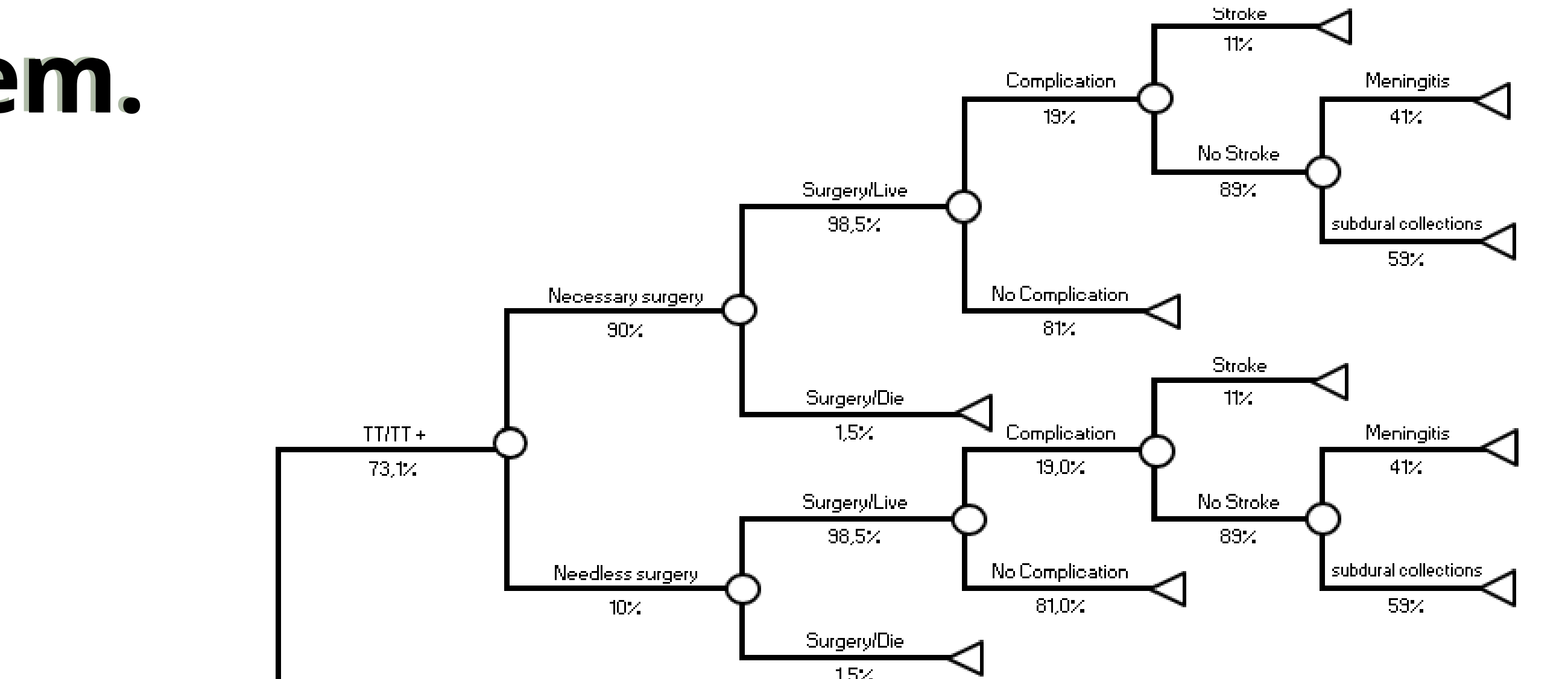
Braga A; Rosa B; Magliano C.

	Costs (US\$)	Utility	Incremental Cost (US\$)	Incremental Effectiveness	ICER	
Standard treatment	1.052,79	0,5647				
TT+TT	1.141,70	0,5459	88,90	-0,02	-4.732,61	Dominated
TT+CLD	1.229,26	0,5516	176,47	-0,01	-13.457,92	Dominated

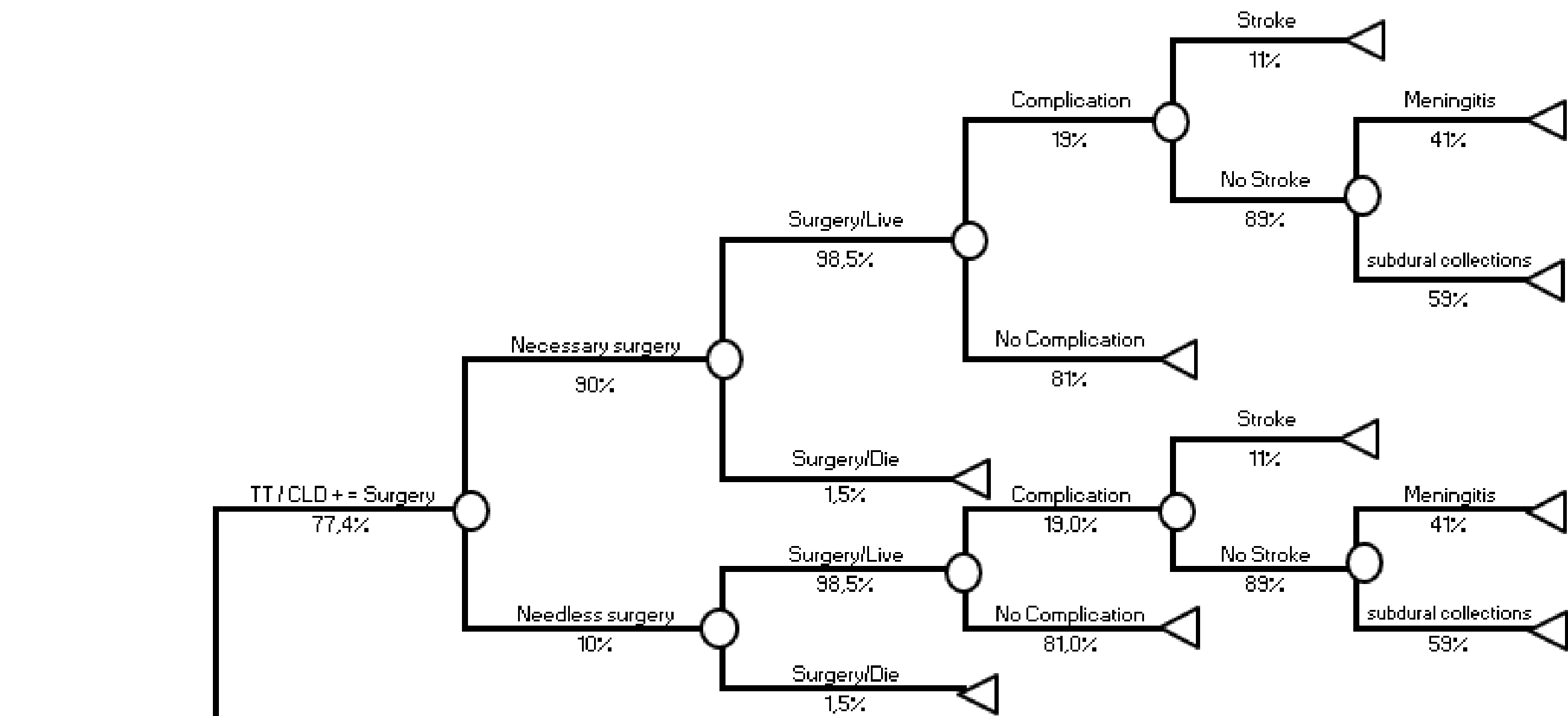
	Averting necessary surgery	Prevent needless surgery
Standard treatment	0	0
TT+TT	13.4%	26.9%
TT+CLD	6.4%	22.5%



Standard treatment arm



Taptest + Taptest arm



Taptest + Lumbar continuous drainage arm

