

## Supplementary material

**Table S1.** Variables included in the probabilistic sensitivity analysis of the spontaneous bacterial model.

Parameter	Mean	Standard Error	Distribution
Antibiotics + albumin pharmacy cost	7,596,552 IDR	759,655 IDR	Gamma
Antibiotics alone pharmacy cost	207,280 IDR	20,728 IDR	Gamma
Renal impairment cost	17,130,183 IDR	1,713,018 IDR	Gamma
Hospital day cost	1,190,013 IDR	119,001 IDR	Gamma
Antibiotics + renal albumin impairment	9.0%	0.9%	Beta
Antibiotics alone for renal impairment	30.8%	3.1%	Beta
Antibiotics + albumin hospital stay	14.0	1.4	Gamma
Antibiotics alone, hospital stay	13.0	1.3	Gamma
Albumin + antibiotics mortality rate	17.2%	1.7%	Beta
Antibiotics alone mortality rate	36.6%	3.7%	Beta
Spontaneous bacterial peritonitis utility value	0.31	0.03	Beta

**Table S2.** Variables included in the probabilistic sensitivity analysis of the hepatorenal syndrome model.

Parameter	Value	Standard Error	Distribution
Albumin + terlipressin pharmacy cost	32,543,089 IDR	3,254,309 IDR	Gamma
Terlipressin pharmacy cost	16,490,000 IDR	1,649,000 IDR	Gamma
Renal impairment cost	17,130,183 IDR	1,713,018 IDR	Gamma
Albumin + terlipressin renal impairment	23.1%	3.0%	Beta
Vasoconstrictor alone renal impairment	75.0%	7.5%	Beta
Albumin + terlipressin mortality rate	46.2%	6.1%	Beta
Vasoconstrictor alone mortality rate	87.5%	8.8%	Beta
Decompensated cirrhosis utility value	0.75	0.08	Beta

**Table S3.** Variables included in the probabilistic sensitivity analysis of the large-volume paracentesis model.

Parameter	Value	Standard Error	Distribution
Albumin pharmacy cost	1,991,550 IDR	199,155 IDR	Gamma
Gelatine pharmacy cost	197,748 IDR	19,775 IDR	Gamma
Hyponatraemia cost	4,776,470 IDR	477,647 IDR	Gamma
Renal impairment cost	17,130,183 IDR	1,713,018 IDR	Gamma
Hepatic encephalopathy cost	12,852,144 IDR	1,285,214 IDR	Gamma
Albumin hyponatraemia	14.9%	1.5%	Beta

Gelatine hyponatraemia	21.3%	2.1%	Beta
Albumin renal impairment	7.8%	0.8%	Beta
Gelatine renal impairment	11.6%	1.2%	Beta
Albumin hepatic encephalopathy	7.8%	0.8%	Beta
Gelatine hepatic encephalopathy	9.8%	1.0%	Beta
Albumin mortality rate	4.5%	0.5%	Beta
Gelatine mortality rate	7.3%	0.7%	Beta
Decompensated cirrhosis utility value	0.75	0.08	Beta
Encephalopathy utility value	0.56	0.02	Beta