

Supplementary Table 55.

study id	ACT	Study design Arm ¹	Randomization				Treatment Supervision	Protocol exclusions ²	Missing covariates			Missing outcome			Assessment of gametocytæmia ⁷		
			Concealment of Treatment ¹	Sequence Generation ¹	Treatment Blinding ¹	Randomisation ¹			age	weight	fever	haemoglobin /haematocrit	time to gametocytæmia ³	time to gametocytæmia ⁵		time to clearance ⁶	
study identifier	involving ASAQ, ASMQ, AL or DP	number of arms															
ADXZ	Yes	Single	NA	NA	NA	NA	Supervised	0%	0%	0%	3%	0%	0%	100%	0%	3	
AJXCU	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Open label	Supervised	0%	0%	0%	0%	0%	1%	96%	0%	4	
BJUNF	Yes	Multiple	Yes	Sealed envelopes	Blocks of 12 Computer generated,	Open label	Supervised	0%	0%	0%	0%	0%	0%	No data ⁸	NA	No data	4
BKTS	Yes	Multiple	Yes	Sealed envelopes	blocks of 12	Neither patients nor clinicians	Supervised	0%	0%	0%	0%	0%	0%	No data	NA	No data	3
BMQYT	Yes	Multiple	Yes	Not mentioned	Blocks of 12	Single-blinded	Supervised	0%	0%	0%	0%	0%	0%	0%	0%	0%	4
BQSYZ	Yes	Multiple	Yes	Not mentioned	Not mentioned	Open label	Supervised	0%	0%	0%	0%	8%	0%	3%	95%	0%	Not Available
BSCRC	No	NA	NA	NA	NA	NA	NA	3%	0%	0%	0%	19%	0%	NA	NA	NA	3
BSXFP	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Open label	Supervised	0%	0%	0%	0%	0%	0%	No data	NA	No data	3
CCEPC	Yes	Multiple	Yes	Treatment allocation was con	Computer generated, blocks	Not applicable	Supervised/Unsupervised	0%	0%	0%	0%	0%	0%	1%	92%	0%	2
CCXPJ	Yes	Multiple	Yes	Not mentioned	Not mentioned	Single-blinded	Supervised	1%	0%	0%	0%	100%	0%	No data	NA	No data	4
CDCMJ	Yes	Multiple	Yes	Treatment allocation was con	Drawing envelope from the	Open label	Partially supervised	0%	0%	0%	100%	0%	0%	0%	91%	0%	3
CFZFN	Yes	Multiple	Yes	Not mentioned	Not mentioned	Not mentioned	Supervised	1%	0%	0%	1%	8%	0%	10%	38%	0%	3
CUDNY	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Open label	Supervised	3%	0%	100%	100%	100%	0%	99%	1%	No data	4
CKYJT	Yes	Single	NA	NA	NA	NA	Supervised	0%	0%	0%	2%	100%	0%	1%	0%	No data	2
DADPZ	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Open label	Supervised/Partially supervi	0%	0%	0%	0%	0%	0%	3%	97%	No data	4
DAXCM	Yes	Multiple	Yes	Not mentioned	Computer generated	Patients were treatment b	Supervised	0%	0%	1%	0%	100%	10%	9%	4%	48%	1
DBCYT	Yes	Multiple	Yes	Not mentioned	Not mentioned	Single-blinded	Supervised	71%	0%	100%	0%	0%	0%	2%	2%	No data	4
DFTUS	Yes	Multiple	Yes	Not mentioned	Not mentioned	Not mentioned	Supervised	0%	0%	1%	0%	3%	24%	3%	93%	0%	Not available
DPZDY	No	NA	NA	NA	NA	NA	NA	3%	0%	0%	0%	0%	0%	NA	NA	NA	2
DYFKY	Yes	Multiple	Randomized	Sealed envelopes	Independent statistician, blo	Open label	Supervised	0%	0%	0%	1%	0%	0%	9%	82%	0%	4
EDBPX	Yes	Multiple	Yes	Treatment allocation was con	Blocks of 15	Open label	Supervised	0%	0%	1%	0%	0%	0%	31%	63%	38%	2
EDPJN	Yes	Multiple	Yes	Randomisation lists were kept	Computer generated	Investigator blinded	Supervised	0%	0%	0%	0%	100%	0%	No data	NA	No data	3
EFFTU	Yes	Multiple	Yes	Not mentioned	Blocks of 6	Double blind	Supervised	1%	0%	0%	3%	100%	0%	3%	63%	13%	2
EGYMA	Yes	Multiple	Yes	Sealed envelopes	Block randomization	Open label	Supervised	62%	0%	0%	0%	100%	0%	3%	94%	6%	3
EKDTF	No	NA	NA	NA	NA	NA	NA	8%	0%	0%	0%	0%	1%	NA	NA	NA	Not available
EMJMA	Yes	Multiple	Yes	Sealed envelopes	Blocks of 12	Open label	Supervised	1%	0%	0%	0%	5%	0%	4%	66%	5%	3
EPDUY	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	The investigators recruitin	Supervised	0%	0%	0%	0%	3%	0%	No data	No data	No data	4
ESGDS	No	NA	NA	NA	NA	NA	NA	64%	0%	0%	0%	3%	0%	NA	NA	NA	3
ETFZC	Yes	Multiple	Yes	Not mentioned	Computer generated	Blinded	Supervised	0%	0%	0%	0%	0%	0%	No data	NA	No data	4
ETZJD	No	NA	NA	NA	NA	NA	NA	0%	0%	4%	0%	100%	3%	NA	NA	NA	2
FAJXQ	Yes	Multiple	Yes	Sealed envelopes	predetermined randomizati	Open label	Supervised	0%	0%	0%	0%	0%	0%	1%	96%	10%	4
FARTM	No	NA	NA	NA	NA	NA	NA	6%	0%	0%	0%	3%	70%	NA	NA	NA	3
FBDEZ	No	NA	NA	NA	NA	NA	NA	0%	0%	0%	0%	100%	0%	NA	NA	NA	4
FEDZY	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	Open label	Supervised	1%	0%	0%	0%	0%	0%	4%	1%	75%	3
FFNAU	Yes	Multiple	Yes	Sealed envelopes	Blocks of 10	Open label	Supervised	0%	0%	0%	0%	0%	0%	1%	91%	1%	2
FHMZF	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	both patient and investiga	Supervised	2%	0%	0%	0%	57%	0%	No data	NA	No data	2
FMNBN	Yes	Multiple	Yes	Sealed envelopes	Blocks of 4	Open label	Supervised	0%	0%	0%	0%	2%	0%	5%	69%	0%	3
FMNDP	Yes	Multiple	Not mentioned	Not mentioned	Not mentioned	Not mentioned	Not mentioned	0%	0%	0%	0%	0%	0%	No data	NA	No data	4
FXFTC	Yes	Multiple	Yes	Not mentioned	Computer generated	Blinded	Supervised	0%	0%	0%	0%	0%	0%	No data	NA	No data	4
GHNKU	Yes	Multiple	Yes	Not mentioned	Not mentioned	Open label	Supervised	2%	0%	100%	56%	100%	0%	1%	89%	5%	2
GHYRA	No	NA	NA	NA	NA	NA	NA	2%	0%	2%	0%	2%	1%	NA	NA	NA	Not available
GPXIK	Yes	Multiple	Yes	Sealed envelopes	Randomised list	Open label	Supervised	0%	0%	0%	0%	0%	0%	4%	87%	4%	4
GOBEK	Yes	Single	NA	NA	NA	NA	Supervised	1%	0%	0%	0%	7%	0%	3%	44%	22%	2
GTEFH	Yes	Multiple	Yes	Cards	Drawing from box, blocks of	Not mentioned	Supervised	0%	0%	1%	1%	1%	0%	1%	95%	0%	4
GZQDA	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	Open label	Supervised/Unsupervised	0%	0%	0%	0%	3%	0%	2%	92%	0%	2
HCEMT	Yes	Multiple	Yes	Not mentioned	Not mentioned	Open label	Supervised	0%	0%	0%	1%	100%	0%	1%	1%	8%	1
HCGRD	Yes	Multiple	NA	NA	NA	NA	NA	26%	0%	1%	0%	0%	0%	3%	97%	6%	2
HUNDX	Yes	Multiple	Not mentioned	Not mentioned	Not mentioned	Not mentioned	Supervised	0%	0%	0%	0%	0%	0%	2%	95%	0%	Not available
HMPBZ	Yes	Multiple	Not mentioned	Not mentioned	Not mentioned Independent off site contract research organisation,	Not mentioned	Partially supervised	1%	0%	100%	0%	7%	0%	0%	0%	0%	Not available
IJGNM	Yes	Multiple	Yes	Sealed envelopes	stratified by country	Open label	Supervised	1%	0%	0%	0%	3%	0%	2%	92%	5%	2
JNCS	No	NA	NA	NA	NA	NA	NA	1%	0%	0%	0%	0%	0%	NA	NA	NA	4
JRBRK	Yes	Multiple	NA	NA	NA	NA	Supervised	1%	0%	0%	0%	4%	0%	0%	0%	0%	3
JTXEY	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	Open label	Unsupervised	4%	0%	8%	0%	0%	0%	7%	10%	0%	4
JUTXU	No	NA	NA	NA	NA	NA	NA	6%	0%	0%	0%	41%	0%	NA	NA	NA	3
JYDHH	No	NA	NA	NA	NA	NA	NA	0%	0%	100%	0%	0%	0%	NA	NA	NA	3
JZCKF	Yes	Single	NA	NA	NA	NA	Not mentioned	5%	0%	0%	0%	0%	0%	0%	98%	0%	2
KAXED	No	NA	NA	NA	NA	NA	NA	0%	0%	0%	0%	1%	0%	NA	NA	NA	3
KDDBK	No	NA	NA	NA	NA	NA	NA	48%	0%	0%	0%	0%	0%	NA	NA	NA	3
KJGJT	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	Open label	Supervised	1%	0%	0%	0%	2%	0%	11%	86%	16%	2
KRBXE	Yes	Multiple	Yes	Sealed envelopes	Patient selects envelope fro	Open label	Supervised/Unsupervised	0%	0%	0%	0%	100%	0%	1%	5%	47%	Not available
KTKAB	Yes	Multiple	Yes	Sealed envelopes	External statistician, blocks	c only clinic staff was aware	Supervised	3%	0%	0%	0%	1%	1%	7%	4%	43%	2
KUCMZ	No	NA	NA	NA	NA	NA	NA	56%	0%	0%	2%	12%	0%	NA	NA	NA	3
KZBZT	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Not mentioned	Supervised	0%	0%	0%	100%	100%	0%	4%	3%	0%	3
MCZHT	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Only the study nurse was	Supervised	0%	0%	0%	0%	0%	0%	1%	98%	0%	3
MEFSC	Yes	Multiple	Yes	Randomization was done at t	Provided by GlaxoSmithKline	Investigators, technicians	Supervised	1%	0%	0%	0%	100%	0%	1%	2%	0%	3
MGEEX	Yes	Multiple	Yes	Sealed envelopes	Provided by Sanofi	Double-blinded	Supervised	0%	2%	1%	1%	1%	1%	No data	NA	No data	4
MRGRH	No	NA	NA	NA	NA	NA	NA	62%	0%	1%	88%	3%	0%	NA	NA	NA	3
MTZZP	Yes	Multiple	Yes	Sealed envelopes	Blocks of 10	Open label	Supervised	0%	0%	0%	0%	0%	0%	No data	NA	No data	4
MZBCX	Yes	Multiple	Not mentioned	Not mentioned	The two therapies was alloc	Open label	Supervised	1%	0%	0%	0%	0%	0%	No data	NA	No data	4
NBSAE	Yes	Multiple	Yes	Sealed envelopes	blocks	Although this was an open	Supervised	0%	0%	0%	0%	0%	0%	1%	97%	0%	4
NIJCK	Yes	Multiple	Yes	Not mentioned	Not mentioned	Not mentioned	Supervised	8%	0%	0%	0%	0%	0%	3%	90%	17%	Not available
NMMSB	No	NA	NA	NA	NA	NA	NA	0%	0%	0%	0%	0%	0%	NA	NA	NA	Not available
NRXTM	No	NA	NA	NA	NA	NA	NA	1%	0%	0%	0%	0%	0%	NA	NA	NA	2
PCGTT	No	NA	NA	NA	NA	NA	NA	6%	0%	0%	0%	40%	0%	NA	NA	NA	3
PEADD	No	NA	NA	NA	NA	NA	NA	1%	0%	0%	3%	3%	3%	NA	NA	NA	2
PKGFP	Yes	Multiple	Yes	Not mentioned	Not mentioned	Not mentioned	Supervised/Partially supervi	0%	0%	0%	0%	0%	0%	1%	95%	0%	4
PKSCU	No	NA	NA	NA	NA	NA	NA	0%	0%	100%	0%	0%	0%	NA	NA	NA	Not available
PNUNE	Yes	single	NA	NA	NA	NA	Supervised	18%	0%	0%	0%	3%	0%	0%	95%	0%	3
PUEKP	Yes	Multiple	Yes	Not mentioned	Computer generated	Open label	Supervised	0%	0%	0%	0%	1%	0%	4%	0%	12%	3
PXPZX	Yes	Multiple	Yes	Sealed envelopes	Computer generated	Although this was an open	Supervised	0%	0%	0%	0%	1%	0%	1%	98%	9%	4
QBQPM	No	NA	NA	NA	NA	NA	NA	5%	0%	0%	0%	0%	4%	NA	NA	NA	Not available
QCKHC	Yes	Multiple	Yes	Sealed envelopes	Independent statistician, blo	Open label	Supervised	36%	0%	1%	0%	0%	0%	9%	68%	46%	2
QFPXT	Yes	Multiple	Yes	Not mentioned	Computer generated	Blinded	Supervised	1%	0%	0%	0%	0%	1%	No data	NA	No data	4
QBRRC	Yes	Multiple	Yes	Sealed envelopes	Computer generated, blocks	Open label	Supervised	1%	0%	0%	0%	0%	1%	45%	47%	0%	4
QZIGM	Yes	Multiple	Yes	Sealed envelopes	organization												