

Supplementary Table 1. Characteristics of the selected studies

Study, y	Hospital level	Place of care	Design	Sample N	Gender H/F	Mean age
Abjaw et al., 2012	4 ^{ème} HMA + MRK	DN*	Retrospective	100	0.82	62.3
Mbagui et al., 2009	HMIMV	DN	Retrospective	93	0.9	39
Rhissassi et al., 2009	CHU FEZ	UNV ^{\$}	Retrospective	342	0,89	65.5 ± 13.9
Chraa et al., 2010	CHU** Marrakech	DN*	Retrospective	352	1.6	42.9
They TP et al., 2011	CHU Casablanca	DN*	Retrospective	91	-	44.6 ± 114.2
Chatou et al., 2012	CHU FEZ	UNV ^{\$}	Retrospective	50	1.38	60.6
Bendriss, L et al., 2012	4 ^{ème} HMA + Marrakeh	DN*	Retrospective	110	2.54	60.8 ± 12
Benkirane et al., 2015	CHU** RABAT	UNV ^{\$}	Retrospective	157	1.42	59.5 ± 11.4
AZDAD.O, 2012	CHU** Fès	UNV ^{\$}	Retrospective	1300	0.87	66.3
RACHDI. L, 2012	CHU** Fès	UNV ^{\$}	Retrospective	40	1.2	63
Bourazza et al., 2013	HMIMVp	DN*	Retrospective	1256	3.4	64
Saraya, T. 2013	HMIMVp	DN*	Retrospective	242	1.81	66.77
They et al., 2013	CHU Casablanca**	UNV ^{\$}	Retrospective Case-control	Case = 91 Control = 182	1.02	48
Allaoui et al., 2014	CHUCasablanca **	DM [@]	Retrospective	25	0.73	36
Ibouajbanel., 2014	HMMS MEKNES	DN*	Retrospective	40	0.38	37-49 ans
Chraa, M et al., 2014	CHU Marrakech**	DN*	Rétrospective	128	1.46	28.3 ± 4.2
Balar.K et al., 2014	CHUCasablanca**	UNV ^{\$}	Prospective	165	1.3	57
Diakite, B et al., 2014	CHUCasablanca**	DN*	Retrospective Case-control	Case = 165 Control = 182	1.54	Case : 56.58 ± 2 control: 54.15 ± 2
Diakite, B et al., 2016	CHU Rabat ** CHUCasablanca**	DN*	Retrospective Case-control	Case = 170 Control = 201	0.9	57.1 ± 3 and 54.6 ± 2.

Supplementary Table 1. *Continued*

Study, y	Hospital level	Place of care	Design	Sample N	Gender H/F	Mean age
Belkouch et al., (2015	HMIMVp	DN*	Retrospective	13	0.44	63 +- 15
Rachdi et al., 2015	CHU Fès**	DN*	Prospective	439	1.32	66
Chraa 2017	CHU**Marrakech	DN*	Retrospective	442	-	61
Chtaou, N., 2016	CHU Fès **	UNV\$	Retrospective	52	1.02	60.6
Yonmadji, N., 2016	CHU Fès **	DN*	Retrospective	1184	0.94	64.92 (±14.338)
Daouda et al., 2018	CHU Fès **	UNV\$	Retrospective	1725	1.1	65
Hadi, A et al., 2018	HMA Marrakech	DN*	Retrospective	230	1.8	66.3 ± 12.5
W.Chouhani, 2018	CHU Casablanca**	DN*	Retrospective	100	1.2	61.65 (±13.10)

DN*Department of Neurology, UNV\$: neurovascular unit, DMI@Département of Internal Medicine. HMA+: 4th military training hospital in Marrakech. CHU**university hospital center. HMIMVp 5th Mohammed V military training hospital in Rabat.

Supplementary Table 2. Aspects of ischemic stroke management in Morocco according to selected studies

Etude (Année)	Surgical management				Medical management						
	ATHLP %	AHT %	ANTID %	IV thrombolysis (Tenecteplase) %	APQ %	Statines %	ATC %	Anti- inflammatoires %	Sex ratio %	Carotid stenosis %	Hemicraniectomy %
Abjaw et al. (2009) [9]	12 (52cas)	59.5	-	-	35.7	-	-	-	0.82	-	-
Chraa et al. (2010) [14]	-	-	-	-	-	-	-	-	1.46	-	-
They TP et al., 2011 [22]	-	-	-	-	-	-	-	-	44 ,61	-	-
AZDAD, O., 2012 [10]	7.8	62.8	-	-	53.3	61.4	-	-	-	-	-
RACHDI, L et al., 2012 [23]	-	-	-	-	-	-	-	-	-	-	-
Bendriss, L et al. 2012 [24]	-	65.45	41.8	-	16	-	-	-	(31-79)	8	16
Chtaou, N., 2012 [20]	-	31	-	-	-	-	-	-	1.02	-	-
Sarya, T., 2013 [25]	-	67.8	47.9	-	-	-	-	-	-	-	-
Bourazza, A., 2013 [15]	-	-	-	-	-	-	-	-	-	-	-
They TP et al., 2013 [26]	-	-	-	-	-	-	-	-	-	-	-
Ibouajbane, M., 2014 [12]	-	-	-	-	-	-	-	-	-	-	-
Balar, K et al., 2014 [27]	-	50.5	21.2	-	-	-	-	-	-	-	-
Diakite, B et al., 2014 [28]	-	49.2	13.2	-	-	-	-	-	-	-	-
Allaoui, A et al., 2014 [11]	-	-	-	-	-	7.8	14.9	54.6	-	-	-
RACHDI, L et al., 2015 [16]	-	-	-	2.9	-	-	60	76	0.73	-	-
Belkouch et al., 2015 [13]	-	43	29	-	-	-	-	63	1.2	-	-
Chraa, M., 2014 [7]	-	-	-	-	28.4	7.8	-	-	0.3	-	-
Diakite, B et al. 2015 [8]	-	-	-	-	-	-	-	-	-	-	-
Benkirane, N et al.,2015 [29]	-	65.45	41.8	-	-	-	-	-	2.54	-	-
Yonmadji, N., 2016 [21]	10	58	30	1.94 (23 cas)	57	55	18	-	-	-	-
Daouda et al., 2018 [18]	-	-	-	14.7	-	55	-	-	-	-	-
Diakite, B et al., 2016 [17]	-	-	-	-	-	-	-	-	-	-	-
Chraa M et al., 2017 [30]	-	-	-	-	-	-	-	-	-	-	-
Hadi, A et al., 2018 [31]	-	-	-	-	-	-	-	-	-	-	-
Chtaou, N et al., 2016 [32]	-	48	-	-	-	-	-	-	-	-	-
Acherqui et al., 2020 [33]	-	-	-	8.42	-	-	-	-	-	-	-

Supplementary Table 3. Evolutionary profile of ischemic stroke in morocco from selected studies

Study	Total recovery %	Recovery Partial %	Neurological		Thrombo embolic %	Infectious %	linked to immobility %.	Chutes %	Psychological: (depression, anxiety) %	Dependency %	Death%
			Stroke recurrence %	Epilepsy							
M. Rhissassi et al, 2009[34]	4.8	23	-	14	-	-	-	-	-	-	-
Abjaw et al. 2010 [9]	-	-	9		2*/1 [¥]	24*/22 [†]	21 ^β	25	Depression(16)	-	-
Chraa, M., 2010[14]	-	-	10	-	-	12 ^π	2 ^ε	25	31	37	-
They TP et al., 2011 [22]					22 [¥]	5	1 [¥] /34 [©]		Anxiety (14)	-	-
AZDAD, O., 2012 [10]	4.5	-	1	-	0.8°/6.1 ^β	44 [¥] /13*/0.4 ^μ	-	-	-	-	10.8
RACHDI, L., 2012 [23]	-	-	-		-	-	-	-	-	-	-
Bendriss L et al., 2012 [24]	24,5	50		-	4.5	-	-	-	-	-	5.45
Chtaou, N., 2012 [20]	-	-	-	-	-	-	-	-	-	-	-
Sarya, T., 2013 [25]	50	-	30	2.5	-	-	-	-	-	20	5.8
Ibouajbane M., 2014 [12]	-	-	+	-	+	+	+	-	+	-	-
Balar, K et al., 2014 [27]	-	-	-	-	-	-	-	-	-	-	-
Chraa, M et al., 2014 [7]	38.2	-	9	-	24 ^π	-	2×	25	Depression (16)	-	16.4
Allaoui(17), A et al., 2014 [11]	-	40	-	-	-	-	-	-	-	-	-
Chraa, M., 2014 [7]	-	-	-	-	-	-	-	-	-	-	-
RACHDI.L et al., 2015 [16]	33.3	-	-	-	-	-	-	-	-	38.6 ^a	-
Yonmadji, N., 2016 [21]	54.5	-	-	-	0.8 ^α	50.3 [†] /14*/0.4 ^μ	6.1 ^β	-	-	-	3
Chtaou, N et al., 2016 [35]	-	-	-	-	-	-	-	-	-	-	-
Chraa M et al., 2017 [36]	-	-	-	-	-	-	-	-	-	-	-
Hadi, A et al., 2018 [31]	-	-	-	-	-	-	-	-	-	-	-
Chouhani et al, 2021 [37]	-	-	-	Epilepsie	-	-	-	-	Depression (47) anxiety (31)	-	-