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Psychosocial well-being of long-term survivors of pediatric head-neck rhabdomyosarcoma

Vaarwerk, B.; Schoot, R.A.; Maurice-Stam, H.; Slater, O.; Hartley, B.; Saeed, P.; Gajdosova, E.; van den Brekel, M.W.; Balm, A.J.M.; Hol, M.L.F.; van Jaarsveld, S.; Kremer, L.C.M.; Ronckers, C.M.; Mandeville, H.C.; Pieters, B.R.; Gaze, M.N.; Davila Fajardo, R.; Strackee, S.D.; Dunaway, D.; Smeele, L.E.; Chisholm, J.C.; Caron, H.N.; Grootenhuis, M.A.; Merks, J.H.M.

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Supplementary tables

Table S1: Comparison of participating and non-participating survivors

		Participants (n=65)	Non-participants (n=15)	p-value
Age at diagnosis (yrs)	Median (range)	6.0 (0.5-13.4)	4.5 (0.1-13.6)	0.35*
Sex, n (%)	Male	42 (65%)	11 (73%)	0.76 [#]
	Female	23 (35%)	4 (27%)	
Histology, n (%)	ERMS	53 (82%)	13 (87%)	1 [#]
	ARMS	8 (12%)	2 (13%)	
	RMS NOS	4 (6%)	0	
Primary site, n (%)	PM	30 (46%)	7 (47%)	0.74 [#]
	ORB	22 (34%)	7 (47%)	
	ORB&PM	4 (6%)	0	
	HNNPM	9 (14%)	1 (7%)	
Side, n (%)	Left	28 (43%)	5 (33%)	0.71 [#]
	Right	30 (46%)	8 (53%)	
	Midline	7 (11%)	2 (13%)	
Treatment protocol, n (%)	MMT 89	20 (31%)	2 (13%)	0.56 [#]
	MMT 95	31 (48%)	10 (67%)	
	MMT 98	1 (2%)	0	
	RMS 2005	11 (17%)	3 (20%)	
	Other	2 (3%)	0	
Number of RT Tx , n (%)	0	4 (6%)	2 (13%)	0.25 [#]
	1	54 (83%)	10 (67%)	
	Multiple	7 (11%)	3 (20%)	

* Based on Mann Whitney test

[#] Based on Fisher's Exact test

Abbreviations: ARMS, alveolar rhabdomyosarcoma; ERMS, embryonal rhabdomyosarcoma; HNNPM, Head and neck non-parameningeal; MMT, consecutive study of International Society of Paediatric Oncology Malignant Mesenchymal Tumour group; ORB&PM, orbital with parameningeal extension; ORB, orbital; PM, parameningeal; RMS 2005, European *paediatric* Soft Tissue Sarcoma group RMS 2005 protocol; RMS NOS, Rhabdomyosarcoma not otherwise specified; RT, radiotherapy; Tx, treatment; Yrs, years

Table S2: Self-perception (KIDSCREEN) of HNRMS survivors

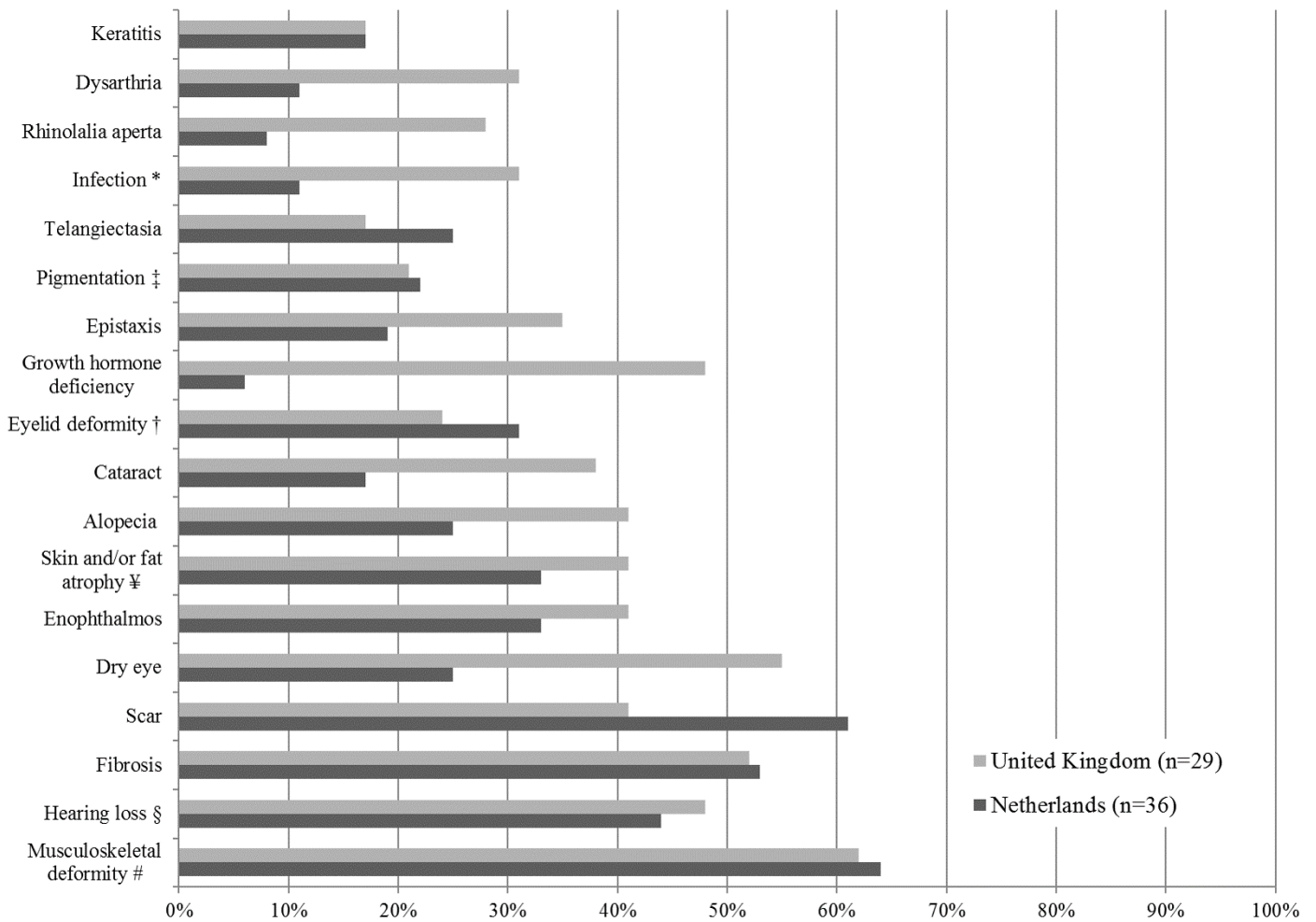
	Netherlands							United Kingdom						
	HNRMS			Reference ^a		HNRMS vs reference		HNRMS			Reference ^a		HNRMS vs reference	
	n	Mean	SD	Mean	SD	Effect size	p-Value ^b	n	Mean	SD	Mean	SD	Effect size	p-Value ^b
8-17 years	16	50.00	9.29	51.26	8.83	-0.14	0.60	15	55.00	11.53	49.93	8.66	0.59	0.11
18+ years	19	49.30	7.95	50.70	8.73	-0.16	0.61	12	47.18	12.31	47.85	8.69	0.08	0.85
All ages	35	49.62	8.47	50.96	8.97	-0.15	0.36	27	51.52	12.31	49.01	9.14	-0.27	0.30

Kidscreen scale: mean = 50, SD = 10.

^a Country specific weighted norm, adjusted for sex and age

^b Based on one-sample *t*-test.

Figure S1: Histogram showing prevalence of most common adverse events (any grade) in survivors of head-neck rhabdomyosarcoma (HNRMS), divided by country (see Schoot et al.⁶).



Musculoskeletal deformity of the faces comprises: deformity, hypoplasia and asymmetry.

§ Audiometry data missing for 6/65 survivors (NL survivors n=2, UK survivors n=4)

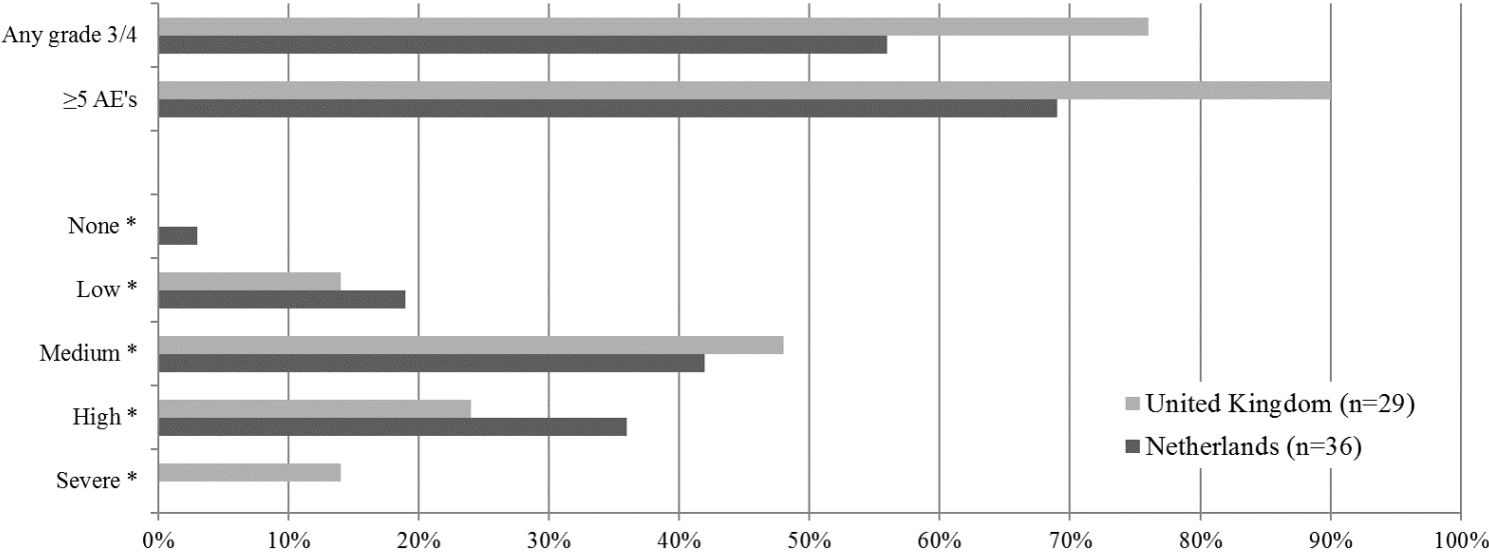
‡ Skin and/or fat atrophy comprises: fat atrophy, skin atrophy

† Eyelid deformity comprises: ectropion, entropion, eyelid retraction and ptosis.

‡ Pigmentation comprises: hypopigmentation, hyperpigmentation.

* Infection comprises: 'gastro-intestinal infection' and 'respiratory infection'

Figure S2: Histogram showing; prevalence of a grade 3/4 adverse event according to CTC AE, ≥ 5 adverse events (any grade) and the burden score (see Schoot et al.⁶).



* Burden score adapted from Geenen et al.²⁴