

## Supplemental digital content 2. Treatment outcomes

(a) Algorithm-compliant patients

Risk level	Selected treatment	n (%)	Sequelae		Outcome of IHs without sequelae		
			-	+	Mean treatment duration (months, $\pm$ SD)	Number of PDL sessions (n, $\pm$ SD)	Age at resolution (months old, $\pm$ SD)
Low	No treatment	17 (13%)	-	-	-	-	-
	PDL	38 (30%)	36 (95%)	2 (5%)	16.5 $\pm$ 8.6	5.7 $\pm$ 2.9	21.8 $\pm$ 9.9
Moderate	PDL	53 (42%)	51 (96%)	2 (4%)	17.8 $\pm$ 9.9	6.2 $\pm$ 3.3	20.0 $\pm$ 9.0
High	Oral PPL with PDL	15 (12%)	14 (93%)	1 (7%)	20.0 $\pm$ 9.0	5.1 $\pm$ 2.5	22.3 $\pm$ 9.0
	Oral PPL without PDL	3 (2%)	2 (67%)	1 (33%)	9.8 $\pm$ 2.9	-	13.8 $\pm$ 4.1

(b) Non-algorithm-compliant patients

Risk level	Selected treatment	n (%)	Sequelae		Outcome of IHs		
			-	+	without sequelae Mean treatment duration (months, ±SD)	Number of PDL sessions (n, ±SD)	Age at resolution (months old, ±SD)
Low	-	0 (0%)	-	-	-	-	-
Moderate	No treatment	7 (39%)	-	-	-	-	-
	Oral PPL with PDL	1 (6%)	0 (0%)	2 (100%)	-	-	-
	Oral PPL without PDL	2 (11%)	0 (0%)	1 (100%)	-	-	-
High	PDL	8 (44%)	5 (62%)	3 (38%)	25.4±12.5	7.2±2.2	29.0±14.7

SD, Standard deviation; IH, infantile hemangiomas; PPL, propranolol; PDL, pulsed dye laser