## **Supplemental digital content 2. Treatment outcomes**

## (a) Algorithm-compliant patients

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

## (b) Non-algorithm-compliant patients

		Sequelae		Outcome of IHs				
D:-1-	Selected	n	~ • <b>• • • • • • • • • • • • • • • • • •</b>		without sequelae			
Risk					Mean	Number of	A 1 .:	
level	treatment	(%)	-	+	treatment duration	PDL sessions	Age at resolution	
					(months, $\pm$ SD)	(n, ±SD)	(months old, $\pm$ SD)	
Low	-	0			-	-	_	
		(0%)	_					
N. 1	e No treatment	7			-	-		
Moderat		(39%)	-				-	
	Oral PPL	1	0	2	_	_		
	with PDL	(6%)	(0%)	(100%)	1			
	Oral PPL	2	0	1		_		
	without PDL	(11%)	(0%)	(100%)				
High	PDL	8	5 3	25.4±12.5	7.2±2.2	$29.0 \pm 14.7$		
		(44%)	(62%)	(38%)	2012.0		27.0—11.7	

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