

GROW RULES USED FOR DRAFTING AND ADAPTING, IN POLYPATTERN-M2M, **THE ONE-PIECE NARROW SLEEVE BLOCK** BY W. ALDRICH, BASED ON MATHEMATICAL FORMULAS DEFINING THE PATTERN OUTLINE VERTICES, IN RELATION TO BODY MEASUREMENTS

ALGORITHM FORMS RELATING TO THE PLACEMENT OF VERTICES (Page on the right), WHICH DEFINE THE PATTERN OUTLINES OF THE ONE-PIECE NARROW SLEEVE BLOCK (ORIGINATED BY WINIFRED ALDRICH, 1994: 26-27) ADAPTED FOR SCOLIOSIS, IN A 2D CARTESIAN COORDINATE SYSTEM (Table 8.4)			
VERTEX COORDINATES	ALGORITHM FORMULAS (GROW RULES)		
1x LEFT SLEEVE			
1y LEFT SLEEVE			
4x LEFT SLEEVE	LEFT ARM LENGTH	MINUS [-]	LEFT UNDERARM LENGTH
4y LEFT SLEEVE	LEFT BICEPS CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
5x LEFT SLEEVE	LEFT ELBOW HEIGHT	MULTIPLIED BY *[1]	
5y LEFT SLEEVE	LEFT ELBOW CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
6x LEFT SLEEVE	LEFT ARM LENGTH	MULTIPLIED BY *[1]	
6y LEFT SLEEVE	LEFT WRIST CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
7x LEFT SLEEVE	LEFT ARM LENGTH	MULTIPLIED BY *[1]	
7y LEFT SLEEVE			
8x LEFT SLEEVE	LEFT ARM LENGTH	MULTIPLIED BY *[1]	
8y LEFT SLEEVE	LEFT WRIST CIRCUMFERENCE	MULTIPLIED BY *[0.50]	
9x LEFT SLEEVE	LEFT ELBOW HEIGHT	MULTIPLIED BY *[1]	
9y LEFT SLEEVE	LEFT ELBOW CIRCUMFERENCE	MULTIPLIED BY *[0.50]	
10x LEFT SLEEVE	LEFT ARM LENGTH	MINUS [-]	LEFT UNDERARM LENGTH
10y LEFT SLEEVE	LEFT BICEPS CIRCUMFERENCE	MULTIPLIED BY *[0.50]	
1x RIGHT SLEEVE			
1y RIGHT SLEEVE			
3x RIGHT SLEEVE	RIGHT ARM LENGTH	MINUS [-]	RIGHT UNDERARM LENGTH
3y RIGHT SLEEVE	RIGHT BICEPS CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
4x RIGHT SLEEVE	RIGHT ELBOW HEIGHT	MULTIPLIED BY *[1]	
4y RIGHT SLEEVE	RIGHT ELBOW CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
5x RIGHT SLEEVE	RIGHT ARM LENGTH	MULTIPLIED BY *[1]	
5y RIGHT SLEEVE	RIGHT WRIST CIRCUMFERENCE	MULTIPLIED BY *[- 0.50]	
6x RIGHT FRONT	RIGHT ARM LENGTH	MULTIPLIED BY *[1]	
6y RIGHT FRONT			
7x RIGHT FRONT	RIGHT ARM LENGTH	MULTIPLIED BY *[1]	
7y RIGHT FRONT	RIGHT WRIST CIRCUMFERENCE	MULTIPLIED BY *[0.50]	
8x RIGHT FRONT	RIGHT ELBOW HEIGHT	MULTIPLIED BY *[1]	
8y RIGHT FRONT	RIGHT ELBOW CIRCUMFERENCE	MULTIPLIED BY *[0.50]	
9x RIGHT FRONT	RIGHT ARM LENGTH	MINUS [-]	RIGHT UNDERARM LENGTH
9y RIGHT FRONT	RIGHT BICEPS CIRCUMFERENCE	MULTIPLIED BY *[0.50]	

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