

Table 2: Comparison was made between wounded and not wounded regions of neonate (five animals) and adult rats (five animals) separately regarding their enzymatic activity in gelatin zymography (-: no detectable activity, +: detectable activity, ++: higher detectable activity/note that the symbols are indicative for the comparisons between wounded and non-wounded areas). Statistical analysis was made between the activity levels as they were quantified with the use of ImajeJ program.

		Neonate			adult		
		operated region	not operated region	Wilcoxon Signed Rank test	operated region	not operated region	Wilcoxon Signed Rank test
Day 1	MMP-9 heterodimer	-	-	-	++	+	p =0.043
	MMP-9 homodimer	-	-	-	-	-	-
	proMMP-9	+	-	p =0.028	++	+	p =0.043
	MMP-9	-	-	-	++	+	p =0.043
	proMMP-2	+	+	p =0.249	+	+	p =0.686
	MMP-2	+	+	p =0.463	+	+	p =0.500
Day 3	MMP-9 heterodimer	-	-	-	+	-	p =0.043
	MMP-9 homodimer	-	-	-	-	-	-
	proMMP-9	+	-	p =0.043	+	-	p =0.043
	MMP-9	-	-	-	+	-	p =0.043
	proMMP-2	+	+	p =0.225	+	+	p =0.345
	MMP-2	+	+	p =0.225	+	+	p =0.686
Day 7	MMP-9 heterodimer	-	-	-	-	-	-
	MMP-9 homodimer	-	-	-	-	-	-
	proMMP-9	-	-	-	-	-	-
	MMP-9	-	-	-	-	-	-
	proMMP-2	+	+	p =0.345	++	+	p =0.043
	MMP-2	+	+	p =0.225	++	+	p =0.043

MMP: matrix metalloproteinases.