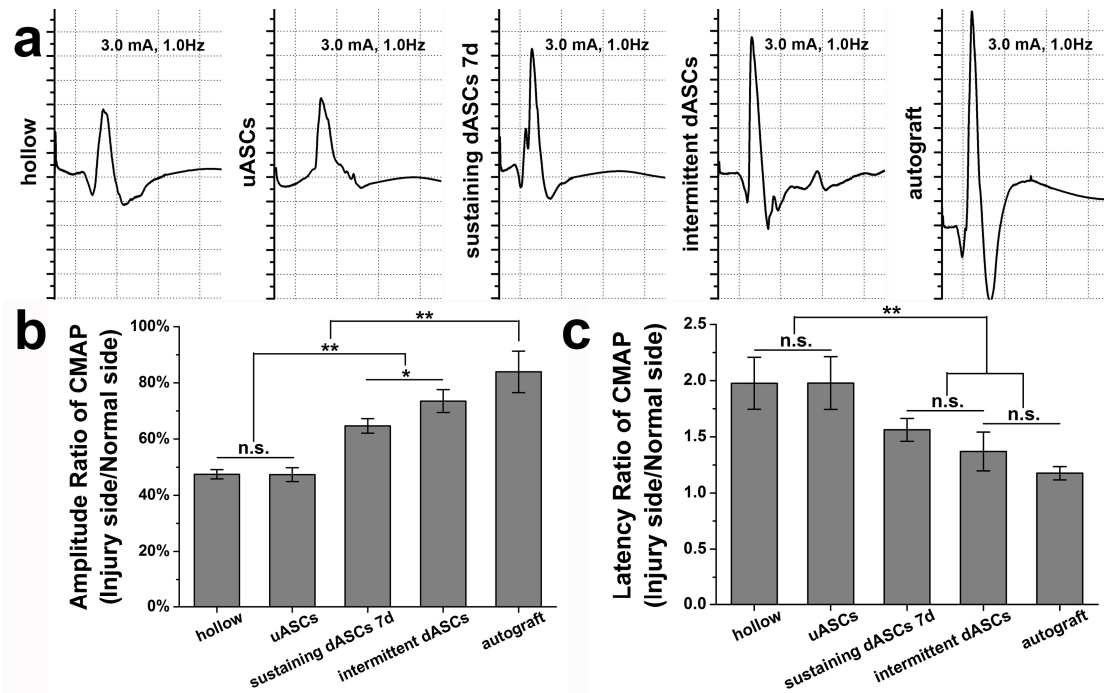




**Additional file 3: Figure S3.** Electrophysiological examination. **a** Representative CMAP oscillograms of each group at week 12 after cell transplantation. **b** The amplitude ratio of CMAP in the intermittent dASCs group ( $73.52 \pm 4.06\%$ ) was significantly lower ( $p < 0.01$ ) than that in the autograft group ( $83.92 \pm 7.40\%$ ), but was significantly higher ( $p < 0.05$ ) than those in the hollow ( $47.45 \pm 1.66\%$ ), uASCs ( $47.34 \pm 2.49\%$ ), and sustaining dASCs 7d groups ( $64.67 \pm 2.58\%$ ). **c** Although the latency ratio of CMAP in intermittent dASCs ( $1.37 \pm 0.17$ ) was not significantly different compared with those in the sustaining dASCs 7d ( $1.56 \pm 0.10$ ) and autograft groups ( $1.18 \pm 0.06$ ), the latter were significantly lower ( $p < 0.01$ ) than those in the hollow ( $1.98 \pm 0.23$ ) and uASCs groups ( $1.98 \pm 0.23$ ). Data are expressed as means  $\pm$  SEM. \* $p < 0.05$ , \*\* $p < 0.01$ , n.s. represents no significant difference, one-way ANOVA with Tukey's post-test or Dunnett T3's post-test.