Nursing of patients undergoing hemodialysis via arteriopuncture after local anesthesia with 2% lidocaine

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To discusses nursing methods for patients undergoing hemodialysis via arteriopuncture after local anesthesia with 2% lidocaine. Methods: Ten patients with acute or chronic kidney failure who were on conscious, alert to pain and showed obvious pulsation as well as good flexibility in radial artery were selected for self comparison. Specifically, hemodialysis was applied via arteriopuncture directly for the first time, but right after local anesthesia with 2% lidocaine for the second time. Then the two procedures were repeated. Questionnaires were used to investigate patients' attitude to the two methods. Result: All the 10 patients preferred hemodialysis via arteriopuncture after local anesthesia with 2% lidocaine, since they experienced less pain during this procedure. Conclusions: Hemodialysis via arteriopuncture after local anesthesia with 2% lidocaine is a simple and economic procedure which can reduce incidence of algesthesia and infection. It's tolerate and worthy of clinical application.

[KEY WORDS] Hemodialysis; Direct arteriopuncture; 2% lidocaine injection; Nursing