



The aim of this study is to observe hemostatic effects of alginate dressing after using seldinger PICC catheter in tumor patients” Yang and Lei (2015).

Abstract:

The aim of this study is to observe hemostatic effects of alginate dressing after using seldinger PICC catheter in tumor patients. Sixty tumor patients with PICC receiving chemotherapy were divided into the test group (30 cases) and the control group (30 cases) randomly.

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The test group was treated with alginate dressing and oppressed by the puncture point, while the control group was treated with gauze of the same size. PICC transparent films were used in both groups. Finally, dressing ooze blood soaked states on the puncture points and dressing change times were observed in the two groups for 1 week. Moreover, local infection rate and incidence of catheter leak were also evaluated. The results showed that the oozing of blood and the changing frequency in the test group were obviously less than that in the control group, and there has a statistical difference ($P < 0.05$). Infection rate of puncture point and incidence of catheter leak were simultaneously reduced in the test group. Alginate dressing is effective in preventing seldinger PICC catheter-induced hemorrhage.



Reference:

Yang, Q. and Lei, S. (2015) Alginate Dressing Application in Hemostasis After Using Seldinger Peripherally Inserted Central Venous Catheter in Tumor Patients. Indian Journal of Hematology & Blood Transfusion. 31(4), p.434-8.

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