

Application of an assessment checklist before central venous access device placement in lymphoma patients with chemotherapy

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OBJECTIVE: To design an assessment checklist before central venous access device (CVC or PICC) placement, and to evaluate its effect on improving the satisfaction of lymphoma patients with chemotherapy on central venous access device and once success rate of placing catheter.

METHODS: Observation group included **99** lymphoma patients who would indwell CVC or PICC with chemotherapy from June to October 2014. Researcher used assessment checklists to evaluate their situation, then determined the catheter type. Control group included 81 lymphoma patients who indwelled CVC or PICC with chemotherapy from June to October 2013. The researchers based on subjective experience to evaluate patients' situation, then determined the catheter type. The satisfaction of lymphoma patients with chemotherapy on central venous access device and once success rate of placing catheter were compared between the two groups.

RESULTS: There was no statistical difference of their age, gender, catheter type between the two groups ($P > 0.05$). But both the satisfaction of lymphoma patients with chemotherapy on central venous access device and once success rate of placing catheter in the observation group were significantly higher than the control group ($P < 0.05$).

CONCLUSION: Application assessment checklists to evaluate patients' situation can improve the satisfaction of lymphoma patients with chemotherapy on central venous access device and once success rate of placing catheter, and ensure that central venous access device is safe and effective.