

48th Global Nursing & Healthcare Conference

March 04-06, 2019 | Barcelona, Spain

Application of QCC in improving pain relief rate of cancer patients

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Objective: To explore the effect of quality control circle (QCC) activities on improving pain relief rate in cancer patients.

Methods: 342 patients with cancer pain were randomly selected in July 2015 before the implementation of QCC. The causes of low pain relief rate in cancer patients and the shortcomings in clinical nursing were analyzed. The improvement measures were formulated and implemented. 346 patients with cancer pain were randomly selected in November 2015 after the implementation of QCC. Pain relief rate quality of life and risk of suicide among patients with cancer before and after the implement of QCC.

Results: The pain relief rate of cancer patients increased from 70.2% to 92.5%, quality of life increased from 31.4% to 54.7%, and suicide risk from decreased 59.4% to 38.7% after QCC activities. The difference was statistically significant ($P < 0.05$).

Conclusions: QCC can effectively improve pain relief rate of cancer patients, relieve physical and mental pain, improve the quality of life, reflect social and humanistic care, and improve the overall level of hospital medical care and nursing quality.