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#### Abstract

**Background:** Differentiated thyroid cancer is the commonest occurring endocrine malignancy, with its incidence increasing worldwide over the past three decades. Despite of good prognosis, patients' experience different degrees of impaired health related quality of life due to side effects of surgery, radioiodine (RAI) ablation, diagnostic procedures and hypothyroidism induced by thyroxine withdrawal prior to RAI therapy. The aim of this study was to determine psychosocial impairment and financial burden on patients undergoing therapy for differentiated thyroid cancer in a low resource setting.

**Methods:** Exploratory descriptive design was used. Purposeful sampling strategy was used to recruit ten female participants who had differentiated thyroid cancer and have undergone thyroidectomy and received at least one dose of (RAI). Data was collected through semi-structured in-depth interviews and thematic analysis guided analysis process.

**Results:** This qualitative narrative of experiences of women with differentiated thyroid cancer and who have undergone RAI treatment shows Stress and anxiety during receiving cancer diagnosis, sharing the bad news and financial difficulties with the families, a lot of suffering and worries on hypothyroidism state, loneliness in the isolation room during RAI therapy and tradition misconceptions on RAI therapy and beliefs on tradition medicine.

**Conclusion:** All these shows that patients with differentiated thyroid cancer in a low resource setting experiences not only physical and psychosocial impairment but also financial burden due to high RAI cost and have to handle the society tradition beliefs and misconceptions.