167 articles selected for initial screening

Excluded (n=131):
- Articles that were not in English (n=17)
- Study in cells (n=13)
- Study in animals (n=29)
- Review articles (n=46)
- Others (n=26)

Clinical Studies (n=36)

Excluded (n=20):
- Without radiotherapy (n=9)
- UV therapy (n=2)
- Selenium with other antioxidants (n=6)
- Same patients (n=2)
- Diagnosis (n=1)

Clinical studies on selenium and radiotherapy (n=16)
- Observational studies of selenium levels in patients who underwent radiotherapy (n=10)
- Selenium supplementation studies in patients who underwent radiotherapy (n=6)

Figure 1. Flowchart of the literature search