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## Acute breast pain after intake of *Curcuma comosa* Roxb rhizome

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### 1. Introduction

Sir, the use of medical plant for promotion of female reproductive health is rooted believed in Southeast Asia. In Thailand, *Curcuma comosa* (*C. comosa*) Roxb rhizome is widely used believing that it can promote good menstruation cycle and strong uterus. Here, the authors report a case of 50 – year old female patient presenting with complaint of acute breast pain after intake of *C. comosa* Roxb rhizome. This patient is a health female and has normal pelvic examination result from annual checkup. The patient notes that she intook *C. comosa* Roxb rhizome aiming at strengthening her uterus. However, 3 days after intake, she felt severe breast pain and visit to the physician. On breast examination, there is no mass and mammography shows no abnormality. This case is suggested to cease use of *C. comosa* Roxb rhizome and the clinical problem relieves within 1 week. In fact, *C. comosa* Roxb rhizome is confirmed for its estrogenic property. The composition within this plant acts as strong agonist to estrogen receptor<sup>[1]</sup>. It is

an important phytoestrogen that can induce breast or reproductive problem in one who intake it.

### Conflict of interest statement

We declare that have no conflict of interest

### References

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