

# Review of: "Traditional soap plants used in hand hygiene, can play an important role in curbing infectious diseases including COVID-19. So why is there so little research?"

Tu-Anh Nguyen

Potential competing interests: No potential competing interests to declare.

It's amazing how natural soap is everywhere and ready to use. With this discovery, everyone – even humans in remote places – has access to soap – an effective weapon against countless dangerous enemies in nature such as bacteria, viruses, , parasites, etc. Surprisingly, the source of this soap is limitless, cheap and easy to use. Furthermore, since there are so many plants that are used in soap making, there will be a wide variety of soaps with different scents, flavors and colors, depending on our choices. The common chemical composition of these soap plants is the saponin family, which is one of the components of commercial synthetic soaps. Through this review, we found that (1) overcoming difficulties in providing soap to people due to oversupply (such as during an epidemic) or supply chain (such as in remote areas), people can use soap tree instead to protect themselves; (2) in nature there are many types of soap plants for us to choose from, depending on our preferences; (3) really good for public health, on that basis, improve human health, reduce medical costs. However, the article will be more valuable if there is some scientific evidence such as antibacterial spectrum, chemical composition of soap plants.