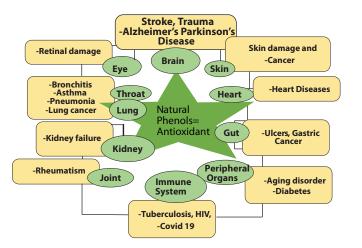
#### **PUBLICATIONS RELATED TO CARESPIRADUL**

Zekeya et al., 2022. Potential of natural phenolic antioxidant compounds from Bersama abyssinica (Meliathacea) for treatment of chronic diseases. Saudi Journal of Biological Sciences, 29(6), 103273.

Carespiradul does treatment of chronic diseases including cardiovascular, diabetes and cancer that persist for long time in course of morden treatment.

CARE-SPIRADUL with antioxidants for prevention and treatment of Chronic diseases





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# **CARE-SPIRADUL**

### Inatibu Magonjwa kama

- Vidonda vya tumbo/Ulcers;
- Sukari ya kupanda/Diabetics;
- Saratani/uvimbe wa ndani / tumor/cancer;



Registered By:
Ministry of health, Traditional and
Alternative Health Practioners Council.
Reg. No TZ 17TM 0046.

## Background

Chronic diseases including cardiovascular, diabetes and cancer persist for a long time in the course of treatment affecting health and sometimes leading to deaths.

Treatment of chronic diseases relies on conventional drugs which are currently becoming fruitless due to drug inefficiency and unpredicted abnormalities.

Medicinal plants have for long time found to be promising in prevention and treatment of chronic diseases.





#### Matumizi/Instruction for users

- Vidonda vya tumbo/Ulcer;
   Mls 40 mara 3 kwa siku dozi ni chupa 3 za mls 500
- Sukari ya kupanda/Diabetics;
   Mls 40 mara 3 kwa siku dozi kamili chupa 6 za mls 500
- Saratani/uvimbe wa ndani / tumor/cancer;
   Mls 50 mara 3 kwa siku chupa 8 za mls 500

**CARE-SPIRADUL** has been screened and contain metabolites for active compounds with antioxidants and pharmacological activities to prevent chronic diseases.

The main ingredients is Bersama abyssinica stembark and leaf and Ocimum seeds and leaves

Analysis by GC-MS showed high amount of phenols, flavonoids and coumarin

The most abundant compounds are; Mangiferin and Isoquercitin in leaves, stembark and roots. Quercitrin and 7,8-Dimethoxycoumarin are found in stembark.

**CARE-SPIRADUL** is rich in phenolic compounds ranging from phenolic acids, flavonoids and coumarin that possess high antioxidant properties potential for treatment of chronic diseases.



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