Records identified through database searching. (CINAHL= 4525  
WHO= 8968  
PubMed=5175  
Clinical Trial=5016  
Google Scholar= 936  
Total= 24620)

Duplicates removed (n=1333)

**Identification**

Records screened (n=23287)

Records excluded titles and abstracts.  
(n=22485)

**Screening**

Full text articles excluded (n=680):

* Focus on chemical composition of drugs=11
* Laboratory findings=12
* No treatment specified = 6
* Studies not included hospitalized adult COVID-19 patients =151
* Study Protocol = 44
* \*Other than RCTs and Observational studies= 98
* Grey Literature = 95
* \*\*Others = 263

Full-text articles assessed for eligibility (n=802)

**Eligibility**

Studies included for Extraction.  
Total: 122   
(87 cohort/cross-sectional studies, 19 interventional studies/randomized controlled trials, 12 case-control studies, and 4 quasi-experimental studies)

**Included**

**(Supplementary Figure. 1): PRISMA flow diagram reported various studies assessed for further evaluation and including in the review**