



# Projects and efforts towards the COVID-19 response

## Lanzhou University' experience

Yaolong Chen, Xuan Yu and Ying Zhu

Feb 4, 2021





# 兰州大学

LANZHOU UNIVERSITY

[校内邮箱](#) / [信息服务门户](#) / [VPN入口](#) / [信息公开](#) / [捐赠](#) / [English](#)

[未来学生](#) | [在校生](#) | [教职工](#) | [校友](#) | [家长](#) | [访客](#)

[首页](#) [认识兰大](#) [师资队伍](#) [人才培养](#) [科学研究](#) [合作交流](#) [文化生活](#) [图书档案](#) [校园服务](#)

请输入关键词...



[兰大故事 MORE >>](#)



教学科研



管理服务



医疗卫生



公文发布



人才招聘



本科生招生



研究生招生



就业



WHO Collaborating Centre for  
Guideline Implementation and  
Knowledge Translation



Cochrane  
China

Chinese  
**GRADE**  
Center | Lanzhou University



Welcome to the Website for RIGHT Statement

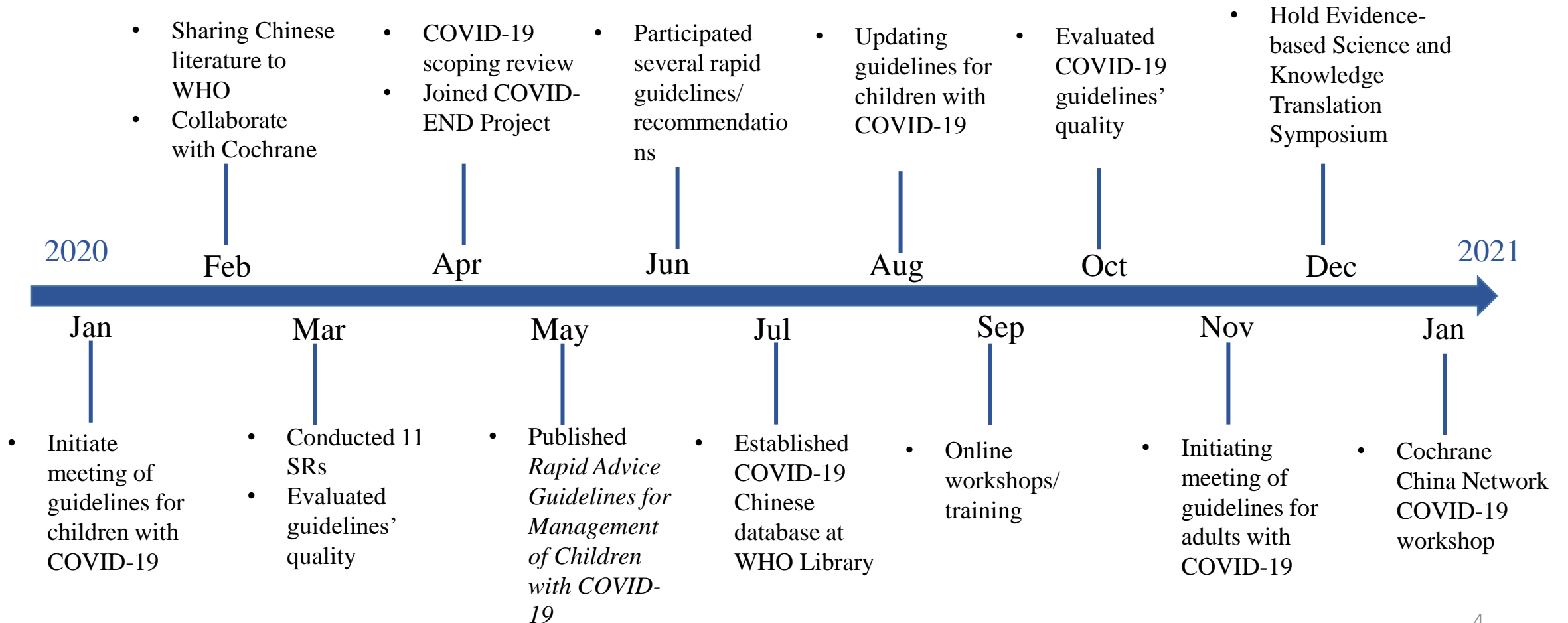
- News
- Checklist
- Extensions
- Members
- Translations
- Glossary

About RIGHT

Over the past 30 years practice guidelines have become an increasingly popular tool to improve the quality of healthcare. Clear, transparent, and applicable guidelines enable health care providers to understand and implement recommendations that positively impact patients and populations. However, the



# Overview





# WHO COVID-19 Chinese Database



World Health Organization

COVID-19  
Global literature on coronavirus disease

العربية 中文 (中国) english français Русский español português

Advanced Search ?

Title, abstract, subject

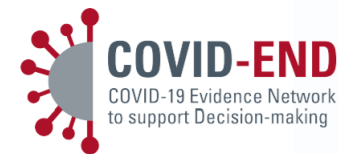
Database

- MEDLINE (63348)
- WHO COVID (42972)
- medRxiv (8750)
- ELSEVIER (8551)
- bioRxiv (2415)
- Grey literature (2227)
- SSRN (1696)
- LILACS (Americas) (1340)
- Lanzhou University/CNKI (1338)
- ChemRxiv (358)
- WPRIM (Western Pacific) (301)
- ProQuest Central (45)
- PubMed (45)

- Sharing Chinese COVID-19 literature to WHO everyday
- Established *Lanzhou University/CNKI* database
- Selected high quality Chinese COVID-19 literature
- Interacted with health-related Chinese journal editors
- Shared our developing database experience

<https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/>

# COVID-19 Reviews



Home / Current / Archives / Print Editions / Collections / About Us / Editorial Policy

Home / Eurosurveillance / Volume 25, Issue 15, 16/Apr/2020 / Article

Review

Open Access

## Coronavirus disease (COVID-19): a scoping review

Like 0

Check for updates

Download

Meng Lv<sup>1,2,3</sup>, Xufei Luo<sup>1,2,3</sup>, Janne Estill<sup>4,5</sup>, Yunlan Liu<sup>1</sup>, Mengjuan Ren<sup>1</sup>, Jianjian Wang<sup>1,3</sup>, Qi Wang<sup>6</sup>, Siya Zhao<sup>1,3</sup>, Xiaohui Wang<sup>1</sup>, Shu Yang<sup>7</sup>, Xixi Feng<sup>8</sup>, Weiguo Li<sup>9,10</sup>, Enmei Liu<sup>9,10</sup>, Xianzhuo Zhang<sup>11</sup>, Ling Wang<sup>1</sup>, Qi Zhou<sup>11</sup>, Wenbo Meng<sup>12</sup>, Xiaolong Qi<sup>12</sup>, Yangqin Xun<sup>3</sup>, Xuan Yu<sup>3</sup>, Yaolong Chen<sup>3,13,14,15,16</sup>, on behalf of the COVID-19 evidence and recommendations working group<sup>17</sup>

<https://www.eurosurveillance.org/content/10.2807/1560-7917.ES.2020.25.15.2000125>

ATM ANNALS OF TRANSLATIONAL MEDICINE  
AN OPEN ACCESS JOURNAL COVERING ALL SUBSPECIALTIES OF TRANSLATIONAL MEDICINE



Tit  
Sez

Home / Journal Info / For Authors / For Reviewers / Special Contents / Current Issue / Archives / Online First / Article

Home / Vol 8, No 7 (April 2020) / A quality evaluation of guidelines on five different viruses causing public health emergencies of international concern

Review Article

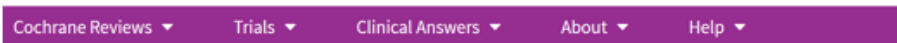
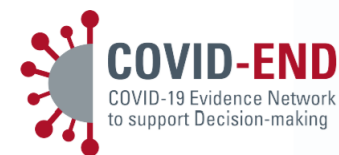
Check for updates

## A quality evaluation of guidelines on five different viruses causing public health emergencies of international concern

Siya Zhao<sup>1,2#</sup>, Jin Cao<sup>1#</sup>, Qianling Shi<sup>2,3</sup>, Zijun Wang<sup>2</sup>, Janne Estill<sup>4,5</sup>, Shuya Lu<sup>2,6,7</sup>, Xufei Luo<sup>1,2</sup>, Junxian Zhao<sup>1</sup>, Hairong Zhang<sup>2</sup>, Jianjian Wang<sup>1,2</sup>, Qi Wang<sup>8,9</sup>, Yangqin Xun<sup>1,2</sup>, Jingyi Zhang<sup>1,2</sup>, Meng Lv<sup>1,2</sup>, Yunlan Liu<sup>1</sup>, Xiaomin Nie<sup>10</sup>, Ling Wang<sup>1,2</sup>, Xianzhuo Zhang<sup>2,3</sup>, Weiguo Li<sup>11,12</sup>, Enmei Liu<sup>11,12</sup>, Xiaohui Wang<sup>1</sup>, Yaolong Chen<sup>2,13,14,15,16</sup>, on behalf of COVID-19 evidence and recommendations working group

<http://atm.amegroups.com/article/view/40369/html>

# Collaboration with Cochrane



Cochrane Database of Systematic Reviews | Rapid

## Quarantine alone or in combination with other public health measures to control COVID-19: a rapid review

Barbara Nussbaumer-Streit, Verena Mayr, Andreea Iulia Dobrescu, Andrea Chapman, Emma Persad, Irma Klerings, Gernot Wagner, Uwe Siebert, Dominic Ledinger, Casey Zachariah, Gerald Gartlehner Authors' declarations of interest

Version published: 14 September 2020 Version history

<https://doi.org/10.1002/14651858.CD013574.pub2>

Collapse all Expand all

THE LANCET

Log in

ARTICLES | VOLUME 395, ISSUE 10242, P1973-1987, JUNE 27, 2020

PDF [1022 K]

Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis

Derek K Chu, MD • Prof Elie A Akl, MD • Stephanie Duda, MSc • Karla Solo, MSc • Sally Yaacoub, MPH • Prof Holger J Schünemann, MD et al. Show all authors • Show footnotes

Open Access • Published: June 01, 2020 • DOI: [https://doi.org/10.1016/S0140-6736\(20\)31142-9](https://doi.org/10.1016/S0140-6736(20)31142-9)



Cochrane Database of Systematic Reviews | Rapid

## Universal screening for SARS-CoV-2 infection: a rapid review

Meera Viswanathan, Leila Kahwati, Beate Jahn, Kayla Giger, Andreea Iulia Dobrescu, Christine Hill, Irma Klerings, Jana Meixner, Emma Persad, Birgit Teufer, Gerald Gartlehner Authors' declarations of interest

Version published: 15 September 2020

<https://doi.org/10.1002/14651858.CD013718>

Collapse all Expand all

## Annals of Internal Medicine

Search Anywhere

LATEST ISSUES IN THE CLINIC JOURNAL CLUB MULTIMEDIA CME / MOC AUTHORS / SUBMIT

Reviews | 4 August 2020

## Ventilation Techniques and Risk for Transmission of Coronavirus Disease, Including COVID-19

A Living Systematic Review of Multiple Streams of Evidence

Holger J. Schünemann, MD, PhD, MSc • Joanne Khabsa, MPH • Karla Solo, MSc • View all authors +

Author, Article and Disclosure Information

<https://doi.org/10.7326/M20-2306>

Eligible for CME Point-of-Care

Abstract PDF Tools Share



# Participation in Rapid Advice/Recommendations

Practice » Rapid Recommendations

## Remdesivir for severe covid-19: a clinical practice guideline

BMJ 2020 ; 370 doi: <https://doi.org/10.1136/bmj.m2924> (Published 04 September 2020)  
Cite this as: BMJ 2020;370:m2924

Long Ge, methodologist <sup>1 9 10 \*</sup>,

## Radiology

Latest Articles | Current Issue | All Issues | Collections ▾ | For Authors ▾ | Diagnosis & Treatment

### Use of Chest Imaging in the Diagnosis and Management of COVID-19: A WHO Rapid Advice Guide

Elie A. Akl, Ivana Blazic, Sally Yaacoub, Guy Frija, Roger Chou, John Adabie Anniah, Mansoor Fatehi, Nicola Flor, Eveline Hitti, Hussain Jafri, Zheng-Yu Jin, Hans Ulrich Kauczor, Kawooya, Ella Annabelle Kazerooni, Jane P. Ko, Rami Mahfouz, Valdair Muglia, Rose M. Marcelo Sanchez, Priya B. Shete, Marina Ulla, Chuansheng Zheng, Emilie van Deventer, Rosario Perez [✉](#) [Show fewer authors](#) ^

(see Appendix E1). We also acknowledge Xuan Yu from Lanzhou University (for search of language databases and translation); the International Society of Radiology (ISR) (

Practice » Rapid Recommendations

## A living WHO guideline on drugs for covid-19

BMJ 2020 ; 370 doi: <https://doi.org/10.1136/bmj.m3379> (Published 04 September 2020)  
Cite this as: BMJ 2020;370:m3379

Long Ge, methodologist <sup>1 53 \*</sup>,

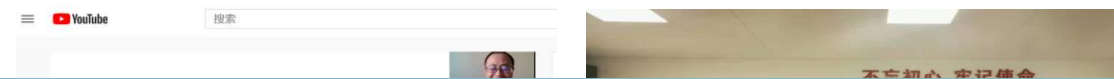


# Guidelines



Title	Journal
Rapid Advice Guidelines for Management of Children with COVID-19	Annals of Translational Medicine
Recommendations for Respiratory Rehabilitation of COVID-19 in Adult	Chinese Journal of Tuberculosis and Respiratory Diseases
Prevention and Treatment of Venous Thromboembolism Associated With Coronavirus Disease 2019 Infection: A Consensus Statement Before Guidelines	Journal of Vascular Surgery Venous and Lymphatic Disorders
Evidence-based Rapid Advice for Public Health Emergencies	Ongoing
CTS/ CACP COVID-19 Adult Guidelines	Ongoing

# Workshops



## Cochrane China Network Launch Meeting

October 21-22 January 2021 | 2021年1月21-22日



Rapid Advice G  
Management c  
with COV  
Dissemin

ing COVID-19  
ctice Guidelines  
China



Prevention and T  
Venous Thromboembolism  
Associated with Coronavirus  
Disease 2019 Infection

Recommendations

19 Guidelines

Guidelines for  
Management of Children  
with COVID-19



# Publications

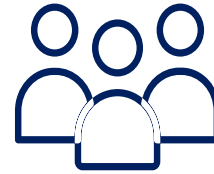


Title	Journal	Year, Volume (Issue)
Coronavirus Disease (COVID-19): a Scoping Review	Eurosurveillance	2020,25(15):2000125
Avoidable Waste of Research on Coronavirus Disease 2019 (COVID-19)	Obstetrics and Gynecology	2020,136(1):191
The Add-on Effect of Chinese Herbal Medicine on COVID-19: A Systematic Review and Meta-analysis	Phytomedicine	2020,11:153282
Efficacy and Safety of Antibiotic Agents in Children with COVID-19: a Rapid Review	Annals of Translational Medicine	2020,8(10):619
Breastfeeding of Infants Born to Mothers with COVID-19: a Rapid Review	Annals of Translational Medicine	2020,8(10):618
Effectiveness of Intravenous Immunoglobulin for Children with Severe COVID-19: a Rapid Review	Annals of Translational Medicine	2020,8(10):625
Supportive Care for Patient with Respiratory Diseases: an Umbrella Review	Annals of Translational Medicine	2020, 8(10):621
Chest Computed Tomography for the Diagnosis of Patients with Coronavirus Disease 2019 (COVID-19): a Rapid Review and Meta-analysis	Annals of Translational Medicine	2020, 8(10):622
Effectiveness and Safety of Glucocorticoids to Treat COVID-19: a Rapid Review and Meta-analysis	Annals of Translational Medicine	2020, 8(10):627
Rapid Advice Guidelines for Management of Children with COVID-19	Annals of Translational Medicine	2020, 8(10):617
A Quality Evaluation of Guidelines on Five Different Viruses Causing Public Health Emergencies of International Concern	Annals of Translational Medicine	2020, 8(7):500
Potential Effectiveness and Safety of Antiviral Agents in Children with Coronavirus Disease 2019: a Rapid Review and Meta-analysis	Annals of Translational Medicine	2020, 8(10):624
Application of Telemedicine During the Coronavirus Disease Epidemics: a Rapid Review and Meta-analysis	Annals of Translational Medicine	2020, 8(10):626
Nosocomial Infections Among Patients with COVID-19, SARS and MERS: a Rapid Review and Meta-analysis	Annals of Translational Medicine	2020, 8(10):629
The Psychological Impact of Quarantine on Coronavirus Disease 2019 (COVID-19)	Psychiatry Research	2020, 291:113193
Protocol for the Development of a Rapid Advice guidelines for Management of Children with SARS-CoV-2 Infection	Annals of Palliative Medicine	2020, 9(4):2251-2255
Development of Rapid Advice Guidelines for the Treatment of Coronavirus Disease 2019 with Traditional Chinese Medicine	The American Journal of Chinese Medicine	2020, 48(7)
Traditional Chinese Medicine Guidelines for Coronavirus Disease 2019	Journal of Traditional Chinese Medicine	2020, 40(6):891-896

# Challenges



**Time**



**Team**



**Collaboration**



**Funding**



**Knowledge Translation**



**Working Environment**



# Lessons

---

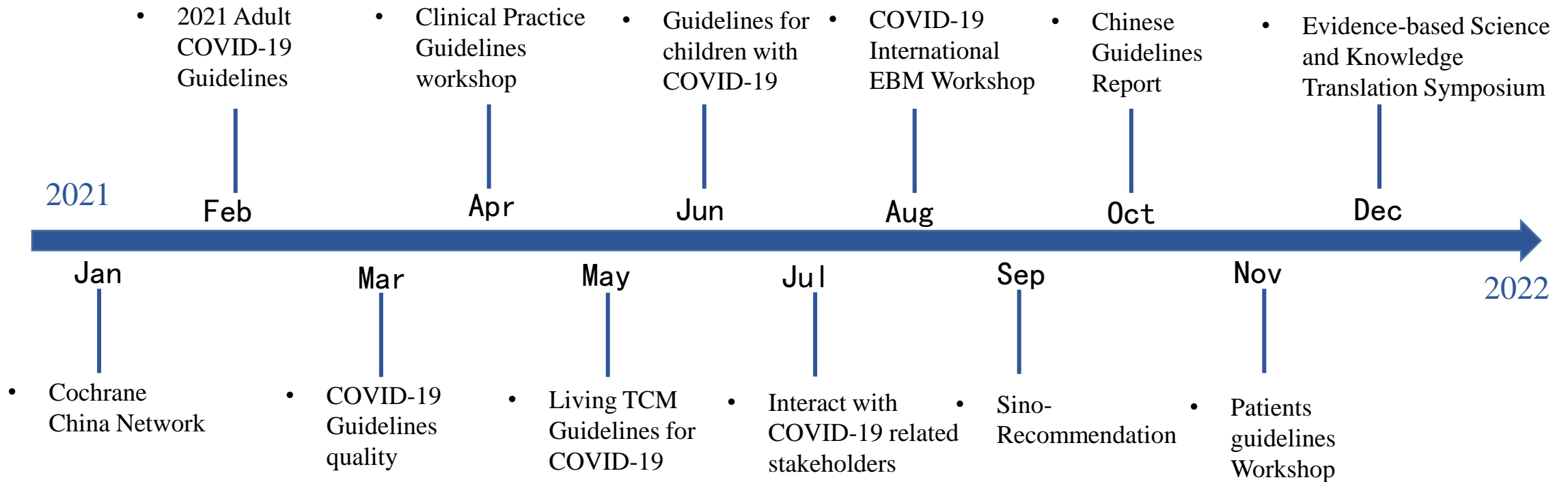
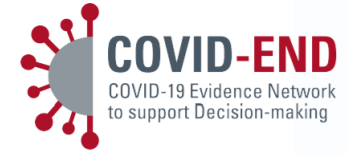


**Global Vision**



**Adaptation**

# Next Steps



# Acknowledgement



**Thank You and Happy Chinese New Year**

---

***Chevidence***

chevidence@lzu.edu.cn