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July 2022 Issue

TRAVEL BULLETIN

The official Colorado Tropical medicine Newsletter



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*Migrants in transit through the
Darien gap, Panama*

WHO DISEASES OUTBREAKS

by Outbreak News

- Multi-country monkeypox outbreak: situation update. 27 June 2022
- Severe acute hepatitis of unknown aetiology in children - Multi-country. 24 June 2022
- Wild poliovirus type 1 (WPV1) – Mozambique. 23 June 2022
- Cholera – Pakistan. 17 June 2022
- Dengue – Sao Tome and Principe. 26 May 2022
- Yellow Fever – Uganda. 25 April 2022

NEWS AND UPDATES

by Andres Henao

- WHO Guidelines for diagnosing, preventing, and managing cryptococcal disease among adults, adolescents, and children living with HIV. Check out the option now for a single dose of Amphotericin B for induction therapy
- Updated Estimates and Mapping for Prevalence of Chagas Disease among Adults, United States. 288,000 infected persons, including 57,000 Chagas cardiomyopathy patients and 43,000 infected reproductive-age women, live in the United States; 22–108 congenital infections occur annually.
- Monkeypox – A Contemporary Review for Healthcare Professionals at OFID
- Histoplasmosis among PWH may be more common than previously anticipated and may be more frequent than cryptococcosis in Ghana.
- Sleeping sickness forms eliminated as a public health problem in 3 African countries: Uganda, Benin, and Rwanda.
- NIH Vaccine for rare but deadly mosquito-borne viruses (EEEV),(WEEV), (VEEV) shows promise in a clinical trial
- Chagas disease has been called the most neglected tropical disease, causing about 10,000 deaths a year and affecting seven million people worldwide, but few will ever receive treatment.
- Treatment of chronic pulmonary aspergillosis with 12 months of itraconazole was superior to 6 months in reducing relapses at 2 years
- Higher-dose primaquine had greater efficacy than standard-dose primaquine for preventing the recurrence of *P. vivax* malaria in a Brazilian population
- 10mg/kg x1 of liposomal amphotericin B with 5F +fluconazole less toxic and with similar survival as traditional IV Ampho B + 5FC in Cryptococcal meningitis (n=814).

FEATURED ARTICLE

" This study exposes the glaring lack of diversity in editorial boards in environmental science and public health journals"



[Article link](#)

PASSPORT AND VISA PRIVILEGES IN GLOBAL HEALTH

"The field of global health is extraordinarily unequal, with privileged people and institutions in the global North dominating all aspects of global health. One form of privilege, the passports and visas people in high-income countries (HICs) carry, further worsens inequities in global health. "

Madhu Pai, [Forbes](#)

COMMENTS?

ANDRES.HENAOMARTINEZ@CUANSCHUTZ.EDU

OUR RESEARCH

by Colorado tropical medicine group

- Check Zach and Lilian's exciting report on *Bartonella quintana* Infection in People Experiencing Homelessness in the Denver Metropolitan Area
- Chasing the Ghost: **Hyperinflammation Does Not Cause Sepsis**. Outstanding hypothesis and theory review article by Leland Shapiro debunking the hyperinflammation paradigm in sepsis. Thought-provoking. Please read and share. 618 views as of June 30, 2022!
- Take a look at our paper: Cryptococcosis among hospitalised patients with COVID-19: A multicentre research network study. COVID-19 immunomodulatory therapies suggest an increased risk of COVID-19-related cryptococcosis (figure 1).
- Jose and Arianna reported a false-positive rapid diagnostic test for malaria in new world cutaneous leishmaniasis: a tale of two travelers.
- We called the attention of the CDC to the prolonged interruption of diagnostic capabilities for neglected tropical diseases.
- Cerebral Cryptococcomas: A Systematic Scoping Review of Available Evidence to Facilitate Diagnosis and Treatment
- Decreased notification of TB cases during the COVID-19 pandemic
- Essential to consider cryptococcosis in COVID-19 patients who clinically deteriorate following treatment with immunomodulatory therapies
- We recognize the urgent need to develop programs to protect the well-being & health of migrant peoples. Read our final published protocol for a mixed-methods rapid health evaluation in migrant peoples in transit through Darien, Panama.

IN THE CLINIC

- We are slowly resuming our clinical activities in the travel clinic front. Keep in mind travel recommendations and restrictions change from country to country.
- Our *shoreland travax* software has detailed COVID-19 related questions depending on the destinations.
- We now have the oral typhoid vaccine available again.

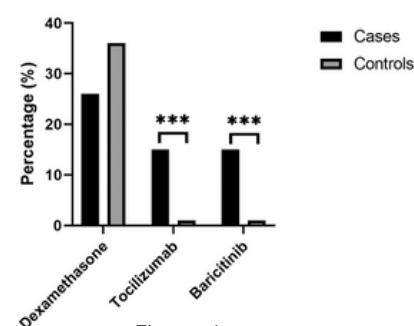


Figure 1

IDWEEK 2022, WASHINGTON, DC

7 posters accepted, October 20-22, 2022. Session Time: 12:15 PM - 1:30 PM.

- Risk Assessment of *Pneumocystis jirovecii* Pneumonia among Hospitalized Patients with Hypoxic Respiratory Failure - A Proposed Multivariable Calculator Based on Previous Prednisone Equivalent Dose. **Lilian won the IDWeek abstract award for this poster.**
- *Toxoplasma gondii* IgG Seropositivity is Associated with Increased Schizophrenia, Hospitalization, and 1-year Mortality— a Multicenter Research Network Study.
- Corticosteroid Exposure as a Risk Factor for *Pneumocystis jirovecii* Pneumonia Mortality in HIV-Negative Patients: A Multicenter Retrospective Case-Control Study with a Global Research Network Validation.
- Necrotizing Fasciitis and *Streptococcus pyogenes* (GAS) Infection Seasonality and Risk Factors for Infection— a Multicenter Research Network Study.
- Diabetes Mellitus as a Risk Factor for Cryptococcosis — a Multicenter Research Network Study. **Vanessa won the IDWeek abstract award for this poster.**
- Characteristics and outcomes of cryptococcosis among patients with COVID-19 compared to non-COVID-19 controls.
- Dalbavancin versus standard of care as directed therapy for *Staphylococcus aureus* bacteremia in patients unable to receive OPAT

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GLOBAL HEALTH

by Andres Henao

Andres was appointed as a new Editorial Board **PLOS Global Health**, a new Open Science journal for public health research that broadens the range of global perspectives we learn from to advance the health of all humankind.

**PLOS Global
Public Health**

Editorial Board Member

Therapeutic Advances in Infectious Disease

We appreciate your outstanding contributions to the journal:

We are open to future submissions. Reminder we are having some ongoing calls for special collections:

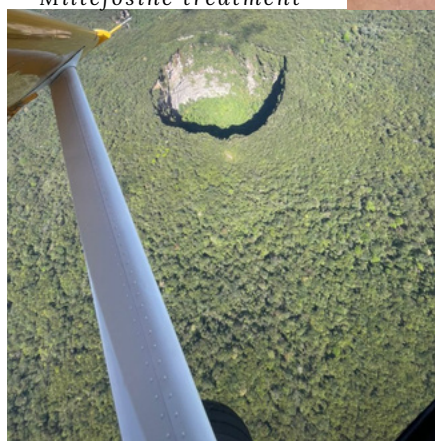


A group of migrants in transit cooking beans in a creek in Darien, Panama.

Three of them acquired cutaneous leishmaniasis during their journey.

When Global is local. What a dedicated global health and multidisciplinary ID clinic can do to improve outcomes even when against the constraints of the US healthcare system

Lesions of cutaneous Leishmaniasis (before and after 28 days of Miltefosine treatment)



FUTURE SITE

<<We are exploring the creation of a tropical medicine rotation in Panamá and Ecuador offered to students, residents, fellows, and faculty>>

BIG THANK YOU

We are delighted for the continued support of Howard Janzen to our educational and research initiatives.

PHOTOGRAPHY BY

Oscar Noya Alarcón, Amanda Gabster, and José A. Suarez

COMMENTS?

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