

Update 73: Brazil - Faces Dual Threat Amid Super Fungus Infections and COVID-19 Pandemic

- In December 2020, the first cases of lethal super-fungus known as Candida Auris (C. Auris) in the country were traced to a single COVID-19 intensive care unit (ICU) in Salvador, Brazil
- The COVID-19 creates conditions for the emergence of 'superfungus' in Brazil
- Nine other C. Auris patients have since been diagnosed at the same hospital
- Some were colonized and others were infected
- No other cases have been reported in Brazil, however, there are grounds for concern
- After monitoring the evolutionary characteristics of C. Auris isolated from patients, samples are found with reduced sensitivity to fluconazole and echinocandins
- Invasion of the bloodstream and the immune system's exacerbated response to the pathogen can cause damage to several organs and even lead to death
- The species quickly become resistant to multiple drugs and isn't very sensitive to the disinfectants used by hospitals and clinics
- Several factors make patients infected by SARS-CoV-2 ideal targets for C. Auris
- This is further exacerbated by long hospital stays, urinary and central venous catheters (allowing the invasion of the bloodstream), and steroids and antibiotics (which disrupt the gut microbiota)
- The virus can damage the intestinal mucosa of severe COVID-19 patients
- Several countries have reported the emergence of C. Auris during the COVID-19 pandemic
- This has made the need to intensify control of hospital-acquired infections throughout Brazil even more urgent
- Rational use of antimicrobial drugs in ICUs is equally important
- Reported COVID-19 stats for Brazil:
 1. Confirmed Cases: 17,629,714
 2. Deaths: 493,837 (2.80%)
 3. Recoveries: 16,030,601 (90.93%)
 4. Vaccine Doses Administered: 80,268,207
 5. Fully Vaccinated: 23,789,007 (11.3%)
- Supply Wisdom will continue to monitor and issue alerts for any relevant developments

Source(s)

<https://agencia.fapesp.br/covid-19-creates-conditions-for-emergence-of-superfungus-in-brazil/36111/>
<https://gizmodo.com/a-deadly-super-fungus-has-emerged-in-brazil-aided-by-c-1847102045>
<https://www.sciencetimes.com/articles/31742/20210616/thanks-covid-19-lethal-super-fungus-emerges-brazil.htm>
<https://www.worldometers.info/coronavirus/country/brazil/>
<https://news.google.com/covid19/map?hl=en-IN&gl=IN&ceid=IN%3Aen&mid=%2Fm%2F015fr>

Targets Affected:

Brazil

Category(s):

Geo-Political Risk

Event:

Coronavirus (COVID-19) Incident(s)

Guidance

Actions to consider:

- Determine if all management teams in impacted areas are current on all government-designated guidelines and restrictions and are aware of possible misdiagnosis due to the ongoing COVID-19 pandemic and super fungus infections concurrently
- It is advisable that third parties or captive units educate employees and conduct workshops to help increase awareness about super fungus infections and its preventive measures
- SW Subscribers should determine if third parties or captive units have in-house health professionals to detect sickness and quarantine suspected disease carriers spotted if any
- Consider implementing suggested actions related to 'Increase in Positive Cases/Deaths' under the 'COVID-19: Actions to Consider' section below / next page

<https://portal.fiocruz.br/>

Related Alerts

June 6, 2021

Medium

Update 72: Fortaleza, Brazil - Extends COVID-19 Restrictions Until June 13, 2021

June 2, 2021

Medium

Update 71: Brazil - Bans Entry of Foreigners Amid Surge in COVID-19 Cases

May 28, 2021

Medium

Update 70: Brazil - Reports Rise in Unemployment Rate of 14.7% Amid COVID-19 Pandemic

May 27, 2021

High

Update 69: Sao Paulo, Brazil - Identifies First Case of Indian COVID-19 Variant, Extends Lockdown Measures as COVID-19 Hospitalizations Rise

May 26, 2021

Low

Update 67: Brazil - Reports Highest Mid-May Inflation of 7.3% Since November 2016 Amid COVID-19 Pandemic

May 26, 2021

Low

Update 68: Brazil - Protest over COVID-19 Lockdown

May 23, 2021

Immediate

Update 66: Pernambuco, Brazil - Faces Twin Epidemic Threat Amid New Cases of Chikungunya and COVID-19

May 21, 2021

High

Update 65: Brazil - Reports First Six Cases of Indian COVID-19 Variant

May 20, 2021**Medium**

Update 64: Sao Paulo, Brazil - Extends Night-Time Curfew to Curb the Spread of COVID-19 Infections, Plans to Relax Restrictions on Business Starting June 1, 2021

May 16, 2021**Medium**

Update 63: Brazil - Bans Entry of Foreign Travelers from India Amid Surge in COVID-19 Cases

May 15, 2021**Medium**

Update 62: Sao Paulo, Brazil - Imposes Lockdown Measures Effective May 15, 2021 to Contain the Spread of COVID-19 Infections

May 13, 2021**Immediate**

Update 61: Joinville, Brazil - Faces Twin Epidemic Threat Amid Fresh Cases of Dengue and COVID-19

May 12, 2021**Medium**

Update 60: Brazil - Reports Highest Annual Inflation of 6.8% Since November 2016 Amid COVID-19 Pandemic

May 8, 2021**Medium**

Update 59: Sao Paulo, Brazil - Extends COVID-19 Restrictions Until May 22, 2021 and Eases Restrictions for Commercial Activity

May 4, 2021**Medium**

Update 58: Brazil - Nigeria Restricts Entry of Brazilian Travelers Effective May 03, 2021 to Contain Spread of COVID-19 Variants

May 1, 2021**Medium**

Update 56: Brazil - Reports Unemployment Rate of 14.4% During December 2020 to February 2021; Surpasses 400,000 Deaths Amid COVID-19 Pandemic

May 1, 2021

Low

Update 57: Sao Paulo, Brazil -
Hundreds Protest over Federal
Government's Policy Against COVID-
19 and Privatizations

April 28, 2021

High

Update 55: Sao Paulo, Brazil - Reports
First Case of Switzerland COVID-19
Variant

April 25, 2021

Medium

Update 54: Ceará, Brazil - Plans to
Ease Business Restrictions Effective
April 26, 2021 Amid COVID-19
Pandemic

April 24, 2021

Medium

Update 53: Brazil - Faces Hunger
Epidemic as Ripple Effect of COVID-19
Pandemic

April 19, 2021

Medium

Update 52: Brazil - France Restricts
Entry of Travelers from Brazil Effective
April 24, 2021

April 10, 2021

Medium

Update 50: Brazil - Reports Highest
Annual Inflation of 6.1% Since 2016
Amid COVID-19 Pandemic

April 10, 2021

Medium

Update 51: Sao Paulo and Rio de
Janeiro, Brazil - Ease Restrictions
Amid Rise in COVID-19 Cases

April 8, 2021

High

Update 49: Brazil - Reports First Case
of South African COVID-19 Variant

April 3, 2021

Medium

Update 48: Rio de Janeiro, Brazil - Extends Restrictions Amid Rise in COVID-19 Death Toll

April 1, 2021

High

Update 46: Sao Paulo, Brazil - Identifies New COVID-19 Variant

April 1, 2021

Medium

Update 47: Brazil - Reports Rise in Unemployment Rate of 14.2% Amid COVID-19 Pandemic

March 24, 2021

Medium

Update 45: Brazil - Reports Record Death of over 3,000 in Last 24 Hours Amid COVID-19 Pandemic

March 12, 2021

Medium

Update 44: Brazil - Reports Highest Annual Inflation of 5.2% in Four Years Amid COVID-19 Pandemic; Reports Record Death of over 2,000 in Last 24 Hours

March 4, 2021

Medium

Update 43: Brazil - Economy Contracts by 4.1% in 2020 Amid COVID-19 Pandemic; Imposes Night Curfew and Closes Business for Two Weeks Effective March 06, 2021 in Sao Paulo

Feb. 27, 2021

Medium

Update 42: Brasilia, Brazil - Imposes 24 Hour Lockdown in Capital City Effective February 27, 2021 to Curb the Surge in COVID-19 Cases

Feb. 25, 2021

Low

Update 41: Brazil - Reports Highest Mid-February Inflation of 0.48% in Four Years Amid COVID-19 Pandemic

Feb. 17, 2021

Medium

Update 40: Brazil - Cancels Carnival Celebrations Amid Surge in COVID-19 Cases

Jan. 27, 2021

Medium

Update 39: Brazil - Bans Flights from South Africa and Extends Suspension from the United Kingdom to Curb the Spread of New COVID-19 Variant

Jan. 23, 2021

High

Update 38: Manaus, Brazil - Identifies New COVID-19 Variant Responsible for Spike in Cases

Jan. 13, 2021

Low

Update 37: Brazil - Reports Highest Inflation of 4.52% in Four Years Amid COVID-19 Crisis

Jan. 9, 2021

High

Update 36: Brazil - Confirms First Case of Re-Infection with South Africa COVID-19 Variant

Jan. 8, 2021

Medium

Update 35: Brazil - Records Highest Death Toll Since July 29, 2020 Surpassing Total Death Number of 200,000 Amid COVID-19 Pandemic

Dec. 30, 2020

Medium

Update 34: Brazil - Records Highest Death Toll Since October 03, 2020

Dec. 24, 2020

Medium

Update 32: Brazil - Suspends Travel from the United Kingdom Over More Infectious COVID-19 Strain

Dec. 24, 2020

Medium

Update 33: Sao Paulo, Brazil - Tightens Lockdown Measures to Curb Christmas and New Year Festivities Amid COVID-19 Pandemic

Dec. 9, 2020

Medium

Update 31: Brazil - Reports Daily Increase of 51,088 COVID-19 Cases, Records Highest Death Toll Since November 14, 2020

Nov. 7, 2020

Medium

Update 30: Brazil - Reports Highest Inflation in October 2020 Since 2002 Amid COVID-19 Crisis

Nov. 1, 2020

Medium

Update 29: Brazil - Reports Daily Increase of 18,947 COVID-19 Cases, Totaling 5,535,605

Oct. 31, 2020

Medium

Update 28: Brazil - Reports Highest Unemployment Rate Since 2012 Amid COVID-19 Crisis

Oct. 15, 2020

Medium

Update 27: Brazil - Reports Daily Increase of 27,235 COVID-19 Cases, Totaling 5,140,863

Sept. 2, 2020

High

Update 26: Brazil - Reports Recession as Economy Contracts by 9.7% in Q2 2020

July 31, 2020

Medium

Update 25: Brazil - Resumes International Air Travel to Foreign Tourists Despite Surge in COVID-19 Cases

June 26, 2020

Immediate

Update 24: Brazil - Faces Multiple Crisis Amid Attack by Zika Virus, Locusts, and COVID-19

June 23, 2020

Medium

Update 23: Brazil - Extends Restriction on Foreign Travelers for Another 15 Days

June 22, 2020

Medium

Update 22: Brazil - Confirmed COVID-19 Cases Surpass One Million with 50,659 Related Deaths

June 11, 2020

Medium

Update 21: Brazil - Records Highest Daily Average of COVID-19 Deaths Worldwide as Economy Reopens

May 30, 2020

High

Update 20: Brazil - Expects Worst Recession as Economy Contracts by 1.5% in Q1 2020

May 28, 2020

High

Update 19: Sao Paulo, Brazil - Plans to Reopen Certain Businesses Starting June 1 Amid COVID-19 Pandemic

May 23, 2020

Immediate

Update 18: Brazil - Reports Second Highest COVID-19 Cases Worldwide, Totaling 330,890

May 19, 2020

Immediate

Update 17: Brazil - Reports Third Highest COVID-19 Cases Worldwide, Totaling 254,220

May 13, 2020

High

Update 16: Brazil - Sao Paulo Announces Opening of Certain Businesses; COVID-19 Death Toll Exceeds 12,000, with 881 Cases Reported in Last 24 Hours

May 4, 2020

Immediate

Update 15: Brazil - Reports 4,588 COVID-19 Cases in Last 24 Hours, Exceeds 100,000

April 30, 2020

Immediate

Update 14: Brazil - Extends Travel Restriction of Foreigners for One Month

April 27, 2020

Immediate

Update 13: Brazil - Reports 3,379 Confirmed COVID-19 Cases in Last 24 Hours, Totaling 61,888

April 22, 2020

High

Update 12: Brazil - Anticipates Economic Contraction by 5.2% in 2020 Amid COVID-19 Pandemic

April 18, 2020

Immediate

Update 11: Brazil - Confirmed COVID-19 Cases Increases to 33,682 with 2,141 Deaths

April 12, 2020

High

Update 10: Brazil - Public Sector Deficit Reaches 7% of GDP as Coronavirus Deaths Mount

April 10, 2020

Immediate

Update 9: Brazil - Reports 141 COVID-19 Related Deaths in Last 24 Hours, Totaling 941

April 6, 2020

Immediate

Update 8: Brazil - Reports Over 11,000
Confirmed COVID-19 Cases, Nearing
500 Deaths

April 1, 2020

Immediate

Update 7: Brazil - Increase in
Confirmed COVID-19 Cases

March 26, 2020

Immediate

Update 6: Brazil - Massive Spike in
COVID-19 Cases with Maximum
Deaths Reported in Sao Paulo

March 24, 2020

Immediate

Update 5: Brazil - Restricts Entry of
Foreigners Amid Rapid Spike in
COVID-19 Cases

March 21, 2020

Immediate

Update 4: Brazil - Declares COVID-19
State of Emergency; Warns of
Healthcare Collapse

March 20, 2020

Immediate

Update 3: Brazil - Coronavirus Infection
Cases Continues to Rise

March 18, 2020

Immediate

Update 2: Brazil - Steep Rise in
Coronavirus Infection Cases

March 11, 2020

Immediate

Update 1: Brazil - Surge in Coronavirus
Infection Cases

Feb. 27, 2020

Low

Brazil - Coronavirus Infection Cases -
Sao Paulo

Impact level Definitions

Impact Level	Definitions
Immediate	Certain - Supply Wisdom recommends considering prompt action. Examples of Immediate level alert events may include bankruptcy filings, data breaches, unexpected curfews, strikes, power black-outs, major geo-political events etc.
High	Highly likely to occur in the near term (within 3 months) - Supply Wisdom recommends being in a state of readiness to take quick action. Examples of High level alert events may include withdrawal of rating by ratings agencies, hostile takeover, multiple cyber-attacks, new business policies causing significant hardship etc.
Medium	Likely to occur in the mid-term (within 3 to 6 months) - Supply Wisdom recommends reviewing current mitigation steps and being ready to take proactive actions if and when situation deteriorates further. Examples of Medium level alert events may include unplanned C-level exits, suppliers caught in bribery cases, economy slipping into recession.
Low	Possible in the long-term (after 6 months) - Supply Wisdom recommends taking proactive action if situation does not resolve. Examples of Low level alert events may include lawsuits filed against suppliers, client losses, air pollution alerts issued by country's local authorities, unexpected holidays announced for the location etc.
Informational	The event is pertinent information but does not have a risk element associated with it. Examples of Info level alert events may include launch of new solutions, partnerships signed, industry outlook, positive changes in government policies, announcements regarding launch of software parks/ free trade zones/special economic zones etc.