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CATEGORIES

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ACADEMIC AND PEER REVIEWED ARTICLES

Assessing the resilience of HIV healthcare services provided to adolescents and young adults after the COVID-19 pandemic in the city of Beira (Mozambique): an interrupted time series analysis

Aids Research and Therapy | 9 May 2024

Roberto Benoni, Francesco Cavallin, Virginia Casigliani, Annachiara Zin, Dara Giannini, et al.

The COVID-19 pandemic has put the provision of health services globally at risk. In Sub-Saharan Africa, it had a major impact on HIV services. However, there is a lack of data on the post-pandemic period. This study aims to evaluate the resumption of HIV services and retention in care for adolescents and young people in the period following the COVID-19 pandemic.

Tracking People Living with HIV in Loss to Follow Up in Central Brazil: A Call for Attention to Health Services

Aids and Behavior | 9 May 2024

Andréia Souza Pinto da Silva, Carolina Amianti, Larissa Melo Bandeira, Roberto Braz Júnior, Giordana Manzeppi Faccin et al.

Despite the effectiveness of antiretroviral therapy (ART), human immunodeficiency virus (HIV) infection remains a global public health concern. However, weaknesses in its management regarding access to integrated HIV care include treatment gaps and loss to follow-up (LTFU) from antiretroviral treatment (ART). This study aimed to characterize the epidemiological and clinical profiles of people living with HIV/AIDS (PLHA) in LTFU from HIV care in Campo Grande, Central Brazil.

Increases in Awareness and Uptake of Dating Apps' Sexual Health Features Among US Men Who Have Sex with Men, 2018 to 2021

Aids and Behavior | 9 May 2024

Jennifer Hecht, Maria Zlotorzynska, Dan Wohlfeiler & Travis H. Sanchez

Dating apps are now used by the majority of MSM to meet sexual and romantic partners. While research has demonstrated an association between app use and greater number of sex partners and STIs, dating apps also pose an opportunity for intervention. By advocating for new and improved sexual health

features on dating apps, Building Healthy Online Communities (BHOC) aims to increase communication about sexual health on the apps. As a follow-up to our previous paper assessing the uptake of sexual health-related profile options on dating apps through Emory's annual survey of 10,000 MSM in the US, BHOC and Emory partnered to explore the change in uptake over time, again through their annual survey.

The surge of mpox in Africa: a call for action

The Lancet | 9 May 2024

Jean B Nachega, Nadia A Sam-Agudu, Dimie Ogoina, Placide Mbala-Kingebeni, Francine Ntoumi

Mpox was previously thought to be a zoonotic disease endemic in parts of central, west, and east Africa; however, from 2022 to 2023, a large global outbreak of mpox from clade II monkeypox virus occurred, marking the first instance of sustained transmission outside of Africa since the first case of mpox in a human was identified in 1970.¹ More recently, clade I monkeypox virus has been responsible for a growing outbreak in the Democratic Republic of the Congo, with evidence of sexual transmission suggesting the potential for global spread.

A Study on Perceptions of Undetectable = Untransmittable Among Gay Men with Human Immunodeficiency Virus in the HIV Community on Twitter in Japan: An Exploratory Qualitative Study Using a Modified Grounded Theory Approach

Aids and Behavior | 10 May 2024

Takashi Nakadomari & Miho Iwakuma

This study explores the perceptions of the Undetectable = Untransmittable (U = U) campaign among gay men with HIV in Japan who are part of the HIV community on Twitter. We conducted detailed semistructured interviews with 12 participants using a modified grounded theory approach. The analysis resulted in 31 concepts, 5 subcategories, 9 categories, and 2 core categories. The relationship between categories and core categories was examined in conjunction with the transcriptions, yielding a comprehensive category map depicting the process of understanding U = U.

Empowering people living with HIV (PLHIV): unveiling care gaps and identifying opportunities for improving care for PLHIV in Singapore and Hong Kong

Journal of the International AIDS Society | 10 May 2024

Chen Seong Wong, Andrew Chidgey, Kai Lung Lee, Phoenix K. H. Mo, Timothy Wong, et al.

This study explored the behaviours of people living with HIV in Singapore and Hong Kong in terms of achieving and maintaining their physical and psychological wellbeing in relation to HIV, to identify the challenges and support needed in HIV care.

Efficacy and safety of three antiretroviral therapy regimens for treatment-naive African adults living with HIV-2 (FIT-2): a pilot, phase 2, non-comparative, open-label, randomised controlled trial

The Lancet HIV | 10 May 2024

Serge P Eholie, Didier K Ekouevi, Corine Chazallon, Charlotte Charpentier, Eugene Messou, et al.

Due to the low number of individuals with HIV-2, no randomised trials of HIV-2 treatment have ever been done. We hypothesised that a non-comparative study describing the outcomes of several antiretroviral therapy (ART) regimens in parallel groups would improve understanding of how differences between HIV-1 and HIV-2 might lead to different therapeutic approaches.

The association between humidex and tuberculosis: a two-stage modelling nationwide study in China

BMC Public Health | 11 May 2024

Wen Li, Jia Wang, Wenzhong Huang, Yu Yan, Yanming Liu, et al.

Under a changing climate, the joint effects of temperature and relative humidity on tuberculosis (TB) are poorly understood. To address this research gap, we conducted a time-series study to explore the joint effects of temperature and relative humidity on TB incidence in China, considering potential modifiers.

Metaplastic breast cancer with a unique presentation and complete response to chemotherapy: a case report

BMC Women's Health | 11 May 2024

Fouad Nahhat, Modar Doyya, Kareem Zabad & Hazem Ksiri

Metaplastic breast carcinomas are a rare variant group of breast carcinomas. They are usually high-grade and triple-negative tumors. They often present with large primary tumor sizes. However, the involvement of axillary lymph nodes is infrequent at the time of diagnosis. Metaplastic breast carcinomas are associated with a worse prognosis and a poorer response to chemotherapy in comparison with other non-metaplastic triple-negative breast cancers. Up until this point, there are no specific treatment recommendations for metaplastic breast carcinomas beyond those intended for invasive breast cancer in general.

Prevalence of Mental Health Disorders and Their Associated Risk Factors Among People Living with HIV in Rwanda: A Cross-Sectional Study

Aids and Behavior | 12 May 2024

Laura Risbjerg Omann, Valentine Dushimiyimana, Emmanuel Musoni-Rwiliiza, Caroline Juhl Arnbjerg, Vivianne Umuhire Niyonkuru, et al.

While life expectancy of people living with HIV is increasing, their burden of non-communicable diseases, including mental health disorders, is growing as well. The aim of this study is to investigate the prevalence and identify the risk factors associated with mental health disorders among this population in Rwanda. This cross-sectional study enrolled people living with HIV from 12 HIV clinics across Rwanda using random sampling. Trained HIV nurses conducted the Mini International Neuropsychiatric Interview to estimate the prevalence of major depressive episode, post-traumatic stress disorder, and generalized anxiety disorder.

Investigating the trend of demographic changes, mortality, clinical and paraclinical findings of patients hospitalized in the Corona ward, before and after the start of general vaccination of COVID-19

BMC Infectious Disease | 13 May 2024

Reza Morovatshoar, Kiavash Hushmandi, Sara Orouei, Seyed Hassan Saadat & Rasoul Raesi

Prioritizing prevention over treatment has been a longstanding principle in the world health system. This study aims to compare the demographic changes, mortality, clinical, and paraclinical findings of patients hospitalized in the Corona ward before and after the start of general vaccination.

Prevalence trends of anemia impairment in adolescents and young adults with HIV/AIDS

BMC Public Health | 13 May 2024

Xinqi Li, Nan Zhang, Linlu Ma, Qian Wang, Yuxing Liang, et al.

Anemia is a common complication of HIV/AIDS, particularly in adolescents and young adults across various countries and regions. However, little is known about the changing prevalence trends of anemia impairment in this population over time.

History of Rectal Product Use and Country of Residence Influence Preference for Rectal Microbicide Dosage Forms Among Young Sexual and Gender Minorities: A Multi-country Trial Comparing Placebo Douche, Suppository, and Insert Products

Aids and Behavior | 13 May 2024

Rebecca Giguere, Iván C. Balán, Bryan A. Kutner, Seul Ki Choi, Ryan Tingler, et al.

The DESIRE Study (MTN-035) explored product preference among three placebo rectal microbicide (RM) formulations, a rectal douche (RD), a suppository, and an insert, among 210 sexually active transgender people and men who have sex with men in five countries: the United States, Peru, Thailand, South Africa, and Malawi. Participants used each product prior to receptive anal sex (RAS) for 1 month, following a randomly assigned sequence, then selected their preferred product via computer assisted self-interview.

Person-centred interventions to improve patient-provider relationships for HIV services in low- and middle-income countries: a systematic review

Journal of the International AIDS Society | 13 May 2024

Laura K. Beres, Ashley Underwood, Noelle Le Tourneau, Christopher Galloway Kemp, Gauri Kore, et al.

Person-centred care (PCC) has been recognized as a critical element in delivering quality and responsive health services. The patient-provider relationship, conceptualized at the core of PCC in multiple models, remains largely unexamined in HIV care. We conducted a systematic review to better understand the types of PCC interventions implemented to improve patient-provider interactions and how these

interventions have improved HIV care continuum outcomes and person-reported outcomes (PROs) among people living with HIV in low- and middle-income countries.

Rapid antiretroviral therapy initiation following rollout of point-of-care early infant diagnosis testing, Uganda, 2018–2021

AIDS Research and Therapy | 15 May 2024

Stella M. Migamba, Tamara Nsubuga Nyombi, Edirisa Juniour Nsubuga, Andrew Kwiringira, Augustina Delaney, et al

Uganda Ministry of Health (MOH) recommends a first HIV DNA-PCR test at 4–6 weeks for early infant diagnosis (EID) of HIV-exposed infants (HEI) and immediate return of results. WHO recommends initiating antiretroviral therapy (ART) ≤ 7 days from HIV diagnosis. In 2019, MOH introduced point-of-care (POC) whole-blood EID testing in 33 health facilities and scaled up to 130 facilities in 2020. We assessed results turnaround time and ART linkage pre-POC and during POC testing.

Xpert HIV-1 qual point-of-care testing for HIV early infant diagnosis in Tanzania: experiences and perceptions of health care workers in a 2016 study

AIDS Research and Therapy | 16 May 2024

Siriël Boniface, Anange Lwilla, Hellen Mahiga, Doreen Pamba, Otto Geisenberger, et al.

HIV early infant diagnosis (HEID) at the centralized laboratory faces many challenges that impact the cascade of timely HEID. Point of Care (PoC) HEID has shown to reduce test turnaround times, allow for task shifting and has the potential to reduce infant mortality. We aimed at assessing the feasibility of nurse based PoC-HEID in five facilities of Mbeya region.

Magnitude of intestinal parasitic infections and its determinants among HIV/AIDS patients attending at antiretroviral treatment centers in East and West Gojam Zones, Northwest, Ethiopia: institution based cross-sectional study

AIDS Research and Therapy | 16 May 2024

Mengistu Endalamaw, Abel Alemneh, Gashaw Azanaw Amare, Abebe Fenta & Habtamu Belew

Intestinal parasitic infections (IP) are a major source of morbidity in people living with Human immunodeficiency virus (HIV), particularly in resource-limited settings, mostly as a result of high viral load. Hence, this study aimed to investigate the magnitude of intestinal parasitic infections and its determinants among patients with HIV/AIDS attending public health facilities in East and West Gojam Zones in Ethiopia.

Breaking barriers: addressing transphobia and advancing transgender rights in the Asia-Pacific and beyond

Journal of the International AIDS Society | 16 May 2024

Rena Janamnuysook, Danvic Rosadiño, Erika Castellanos

The International Day against Homophobia and Transphobia annually memorializes the rights violations of transgender people, yet once a year will not be enough to remember the atrocities that transgender people have to face and endure every single day. Globally, perspectives on transphobia are shaped by cultural, legal and social contexts. In multiple countries, there is a growing recognition of transgender rights, with laws evolving to protect against discrimination and hate crimes. However, transphobia remains pervasive, affecting access to healthcare, education, employment and social acceptance.

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RECENT PUBLIC HEALTH NEWS

Understanding pediatric STIs: Trends, management, and more

Contemporary OB/GYN | 10 May 2024

Approximately half of sexually transmitted infections (STIs) are reported among patients aged 15 to 24 years, making it vital to understand their impact on this population.¹ In this article, we discuss outcomes in

young patients, general STI trends, and human papillomavirus (HPV) vaccination coverage. Recently, Jill S. Blumenthal, MD, associate professor of medicine at UC San Diego Health, outlined STI trends among adolescents and young adults. These patients are undergoing hormonal changes that increase the risk of STIs. Many of these patients also have a lack of STI knowledge compared with adults.

How to talk to your teenaged patient about pregnancy and contraception

Contemporary OB/GYN | 10 May 2024

Here is some sobering news: Teenaged mothers are twice as likely to experience postpartum depression (PPD) as adults.¹ For this population who are still maturing on a cognitive level and have not yet fully developed their basic coping skills, the impact of PPD can be crippling. Additionally, the stress that a pregnancy adds to this population group can lead to other increased mental health concerns, including severe depression and anxiety. Furthermore, parenthood is the leading reason why teenaged girls drop out of school, with more than half of teenaged mothers never graduating from high school.

[WATCH] Why living with TB and HIV is getting easier

Bhekisisa | 13 May 2024

Geneveve Heinse from Masiphumelele, near Cape Town, tested positive for HIV three years ago when she was pregnant with her fourth child. The treatment and help she gets at her local clinic have made living with HIV easier. Apart from advances in HIV treatment, progress has also been made with TB treatment, something public health doctor Elsie van Straten is excited about. Our Health Beat team takes you to Masiphumelele outside Cape Town to meet these two women.

Stressful life events can increase your risk of Alzheimer's

The Conversation | 13 May 2024

Stressful life events, such as the death of a loved one or divorce, put a person at greater risk of developing dementia in later life, a recent study has found. But only if the stressful event happened in childhood or midlife. The study, published in *Annals of Neurology*, included 1,290 people at increased risk of developing Alzheimer's disease. The researchers looked at 18 stressful life events and when in people's lives they happened.

Binge drinking is a growing public health crisis – a neurobiologist explains how research on alcohol use disorder has shifted

The Conversation | 13 May 2024

With the new Amy Winehouse biopic "Back to Black" in U.S. theaters as of May 17, 2024, the late singer's relationship with alcohol and drugs is under scrutiny again. In July 2011, Winehouse was found dead in her flat in north London from "death by misadventure" at the age of 27. That's the official British term used for accidental death caused by a voluntary risk. Her blood alcohol concentration was 0.416%, more than five times the legal intoxication limit in the U.S. – leading her cause of death to be later adjusted to include "alcohol toxicity" following a second coroner's inquest.

Many Older People With HIV Have Unmet Needs

Poz | 13 May 2024

Nearly 40% of people with HIV ages 55 and older report that they have at least one unmet need, according to study findings published in the *Journal of Acquired Immune Deficiency Syndromes*. These ranged from a lack of non-HIV medical or dental care to patient navigation services to help with daily subsistence. "We found substantial unmet need for ancillary services among diagnosed people with HIV aged ≥ 55 years, which could jeopardize care and treatment outcomes and negatively affect well-being," the study authors concluded. "Additional concerted efforts by state and local health departments, federal entities, private providers and community partners are necessary to reduce unmet needs."

Children can boost vaccination rates by educating their grandparent

News Medical Life science | 14 May 2024

In a recent study published in *Nature Aging*, researchers conducted a randomized clinical trial (RCT) to investigate whether a health education intervention offered to Chinese college students will increase severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) booster vaccinations among their grandparents.

Criminalisation of homosexuality undermines HIV testing in sub-Saharan Africa

Aidsmap | 14 May 2024

Gay and bisexual men living in sub-Saharan countries where homosexuality is legal were twice as likely to have ever tested for HIV compared to those where homosexuality is illegal. Targeted HIV policies for this key population were associated with a more than two-fold increase in HIV testing, compared to countries with no such policies.

FULL SPEECH | This is what will happen next says Ramaphosa as he signs NHI Bill into law

Spotlight | 16 May 2024

President Cyril Ramaphosa yesterday signed into law the National Health Insurance (NHI) Bill, which is the ANC-led government's plan for universal health coverage, just 14 days before the country heads to the polls. The NHI aims to unify the country's fragmented health system, Ramaphosa said at the signing ceremony at the Union Buildings in Pretoria on Wednesday. However, he also noted that processes are yet to be established and that the Act's implementation will be incremental rather than a massive overnight overhaul.

NHI: Healthcare Is Not Going To Change Overnight

Health-e News | 16 May 2024

This week President Cyril Ramaphosa signed the National Health Insurance (NHI) scheme into law, saying that it's an important instrument that will tackle poverty and also make healthcare easily accessible to every South African.

"The rising cost of health care makes families poorer.[By contrast], health care provided through the NHI frees up resources in poor families for other essential needs. The NHI will make health care in the country as a whole more affordable," Ramaphosa said.

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TRAINING AND RESOURCES

School of Health Systems and Public Health



Faculty of Health Sciences

CALL FOR APPLICATIONS 2025:

**ALBERTINA SISULU EXECUTIVE LEADERSHIP PROGRAM IN HEALTH (ASELPH)
FELLOWSHIP**

**A UNIVERSITY OF PRETORIA POSTGRADUATE DIPLOMA IN HEALTH SYSTEMS
MANAGEMENT IN EXECUTIVE LEADERSHIP**

APPLICATION DEADLINE: 30th June 2024

The Albertina Sisulu Executive Leadership Program in Health (ASELPH) is a unique collaborative program through the University of Pretoria that was jointly developed and initially implemented with contributions from the Harvard TH Chan School of Public Health, and the National and Provincial Departments of Health in South Africa. A key aim is to improve the South African health system through the training of health workers to become exceptional executive leaders, who are better able to drive local health system strengthening and performance.

The Program is focussed on developing Executives (middle and senior health system managers or clinicians) for the unique environment and challenges of the South African health system; this 120 credit (1200 learning hours) postgraduate diploma covers modules in Leadership, Ethics, Strategic Planning,

Health sector Transformation, Decentralization & health service re-engineering; Complex Problem Solving, Financial Management, Human Resources For Health, Quality Improvement, Strategic Marketing and Communication and Monitoring and Evaluation. Innovative teaching and learning approaches include peer learning, case study methodology, reflective learning and mentorship. Each Fellow completes a research project and 12 core and elective modules. These are provided through a hybrid learning approach which includes pre-module online work, a 3-day contact class per module at the University of Pretoria and post module assignments. In all, there are approximately 35 contact class days in 6 blocks (Mon-Sat) over a calendar year.

This is a call for applications for the 7th cohort of the Albertina Sisulu Executive Leadership Program in Health starting in January 2025 at the University of Pretoria. This is a part-time Postgraduate Diploma in Health Systems Management in Executive Leadership.

Target Group: Those in middle and senior management and leadership positions, including clinicians, in the health system are encouraged to apply. Applicants from NGOs, technical agencies and the private health sector are also welcome to apply for the training programme. Preference is for current public health sector employees.

Minimum Requirements for Admission are a three-year University Bachelor's Degree (NQF 7 or above) and a minimum of four years management experience in the health sector.

While university funding support is not provided, **Partial or Full Tuition Bursaries** may be available for public health sector employees through respective provincial or HWSETA bursaries, while it is anticipated that relevant Departments of Health will cover travel and accommodation costs. This includes applicants from provincial health services as well as municipal health services.

Preference is for current South African public health sector employees and will be for those who have not had any previous post graduate training in public health, management or leadership programs and/or those who have not benefited from any prior health sector financial support for any form of training.

Application and Selection Process: All SA public health sector officials eligible for consideration will be subjected to a joint Provincial DOH / ASELPH Recruitment, Interview and Selection process. Applications, together with supporting documents (ID, CV, motivation letter and copy of qualifications labelled with prospective applicant's student number) must be submitted online at:

https://upnet.up.ac.za/psc/upapply/EMPLOYEE/SA/c/UP_OAP_MENU.UP_OAP_LOGIN.GBL

For further information contact Mr Lesiba Mpati at lesiba.mpati@up.ac.za

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The Health Systems Trust (HST) produces a weekly bulletin on Fridays focusing on key public health news, peer-reviewed journal articles and other important primary healthcare resources.

Subscribe to the Health Systems Trust 60percent

HST produces a weekly online publication, 60percent, which keeps subscribers abreast with the latest news and developments pertaining to HIV-related maternal, adolescent, child and youth health. The name 60percent signifies that southern Africa is responding to a feminised HIV/AIDS epidemic, with at least 60% of those living with HIV being women. Subscribe to 60percent by simply visiting HST's website (<https://www.hst.org.za>), scroll to the bottom of the page, hit the SUBSCRIBE button, and follow the prompts. Let's keep you posted!

The Public Health Association of South Africa (PHASA) – calling all public health champions!

PHASA is a voluntary organisation of individuals passionate about population health improvements and

the reduction of health inequities, and whose work focuses on the prevention of disease, the promotion of health, and the improved functioning of the country's health care system. Are you passionate about improving the health and wellbeing of communities? Do you want to expand your professional network and stay current in the field of public health? Do you want to be part of the movement to improve Public Health? Then join the Public Health Association of South Africa today to make a difference and enhance your career!

As a member, you will:

- Gain access to cutting-edge research, resources, and best practices
- Connect with public health professionals from around the country
- Participate in educational events and conferences
- Contribute to shaping the future of public health
- Have access to mentors in the field
- Be at the forefront of advocacy initiatives.

To become a member, simply visit our [website](#) and complete the membership application. Don't miss this opportunity to advance your career and improve public health.

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PUBLICATIONS AND REPORTS

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CONFERENCES AND EVENTS

Public Health Association of South Africa (PHASA) 2024 conference



This year's theme: 'Partnerships for Public Health: Sculpting a Healthier Future Together'

The Public Health Association of South Africa (PHASA) hosts an annual conference, with the aim of engaging public health practitioners from around the country, region and world to share their experiences and research, discuss topical public health issues, and mentor public health students and young researchers.

The 2024 PHASA Conference provides an opportune setting for engaging with the most recent public health research and evidence, for rethinking current models of research translation, for identifying barriers and opportunities for change, and for exploring new strategies for knowledge exchange and dissemination.

Join fellow public health experts, academics, researchers, students, non-governmental organisations, and civil society members at this year's annual PHASA Conference; as we transform the ways we think about and approach priority areas of public health research, policy, and practice, to ultimately improve health outcomes for all.

For more information please visit the conference website: <https://phasa.samrc.ac.za/>

Become a member of the Public Health Association of South Africa (PHASA)**8th SA TB Conference 2024**

In keeping with the conference theme, the 8th SA TB conference will focus on innovations that will move South Africa further towards ending TB. Look out for exciting plenary presentations, Round Table discussions and Skills Building Workshops. Be part of the conference and submit your abstract early! Your abstract submission ahead of schedule will make a significant impact.

When: 4-7 June 2024

Where: Durban ICC

For more information: <https://tbconference.co.za/>

International Pharmaceutical Federation (FIP) Conference

FIP holds the World Congress of Pharmacy and Pharmaceutical Sciences, which takes place in a different country each year. In addition to this annual congress, FIP hosts the Pharmaceutical Sciences World Congress every three to four years. At the annual congress thousands of pharmacists meet, learn, share and exchange views. Our varied programme, offering something for everyone, makes this congress the premier international event in pharmacy each year. The theme for this year's congress is "Innovating for the Future of Health Care".

When: 1-4 September 2024

Where: Cape Town, South Africa

For more information: <https://capetown2024.fip.org/>

World Congress of Epidemiology Congress

When: 24-27 September 2024

Where: Cape Town, South Africa

For more information: <https://www.wce2024.org/>

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JOB OPPORTUNITIES**ICT Support Technician**

Closing DATE: 22 May 2024

[https://www.hst.org.za/Pages/Information-and-Communication-\(ICT\)-Support-Technicians.aspx](https://www.hst.org.za/Pages/Information-and-Communication-(ICT)-Support-Technicians.aspx)

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