



## EVENTS

**THROWBACK - A collection of events by CAPE's Learning Communities in the past few months ...**

### CAPE INNOSPARK SERIES – COMMUNITY CARE SERIES



CAPE InnoSpark Series is a platform for Allied Health Professionals and Pharmacists to share their innovation journey's insights, learnings and challenges in a bid to spark-off innovation. Each sharing was co-designed by invited speakers in relation to CAPE's strategic innovation themes of Community Care, Workforce Transformation & Tech-enabled Care.

In the first wave of Community Care Series held on 16 Feb 2023, we were honored to have Dr Huang Wanping from Tan Tock Seng Hospital, and Mr New Haiyong from Silver Generation Division of the Agency for Integrated Care. Close to 160 healthcare & community participants tuned in to hear the application of "What Matters to You" (WMTY) concept in the community through the use of a person-centred care approach. The sharing focused on the value of WMTY when engaging seniors during preventive health visits, and reflections on the challenges faced. Further insights were gained on how to achieve win-win situations, how to help seniors align the choices and actions they take to achieve what matters to them, so as to lead lives they deem meaningful and fulfilling. The session was facilitated by Ms Doreen Yeo from Tan Tock Seng Hospital.

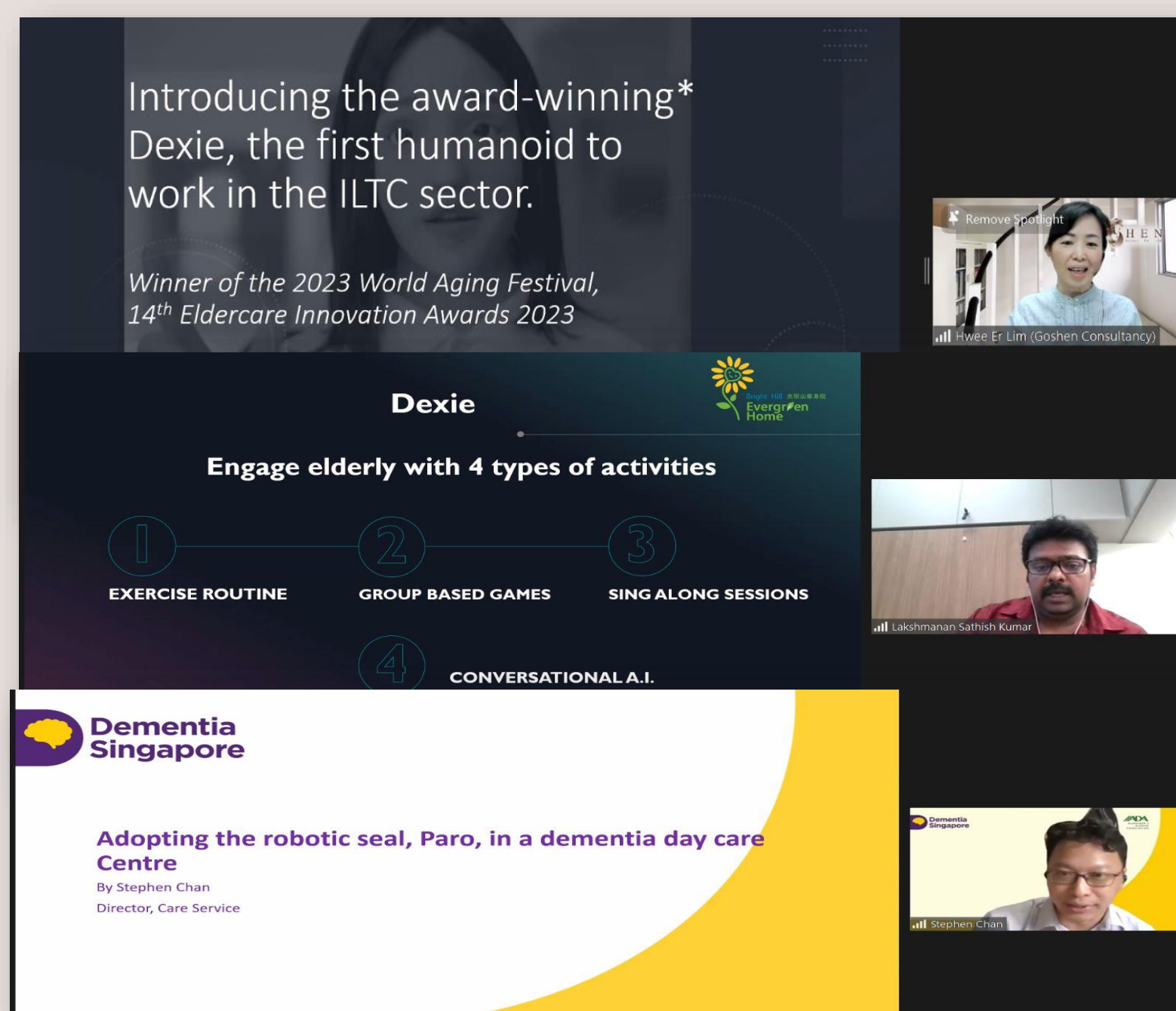


### COMMUNITY CARE SERIES – ELDERCARE TRACK SEASON 2

**Session 1: Use of Technology In the Eldercare : The "What ifs, But and How?"**  
**Session 2: Do We Really LIVE HAPPILY EVER AFTER**

CAPE Community Care Series is a platform to form communities of practice (COP) in areas of shared interests for health and social care professionals. In our new Season for Eldercare Track, the COP explored on the the realm of technology within the community. The team was pleased to invite Ms Lim Hwee Er, Director from Goshen Consultancy Services to share on the development of robotic care - Dexie, the first humanoid in a community care setting. The session on 13 Jun 2023 was attended by more than 60 participants.

This was followed by a session on 5 July 2023 by Mr Lakshmanan Sathish Kumar, Principal Physiotherapist from Bright Hill Evergreen Home, who shed more light on the opportunities, outcomes, challenges and learning points when Dexie was implemented in the Home for its patients. Mr Stephen Chan, Director of Care Services in Dementia Singapore, also provided insights in the adoption of the robotic seal, PARO, in its care for patients in the dementia day care centres. Close to 100 participants were wowed by the available technology found in the community.



**CAPE's Learning Community InnoSpark Series focuses on Community Care, Workforce Transformation and Technology-Enabled Care as its innovative tracks. Do join our network and keep a look-out for our upcoming events!**

## CAPE FUND - Project Story

### Evaluating user satisfaction and feasibility of a remote-digital model for 3D scanning and printing of prosthetic sockets for patients with transtibial amputation: A preliminary clinical trial

Between February 2022 and January 2023, 16 below knee amputees from the Prosthetics and Orthotics (P&O) Services of Tan Tock Seng Hospital (TTSH) and Khoo Teck Puat Hospital (KTPH) participated in a multi-centre trial of 3D printed prosthetic sockets. The amputees were trialling a novel method of prosthetic socket production against the current method of lamination.

Our P&O Technician was upskilled to take 3D scans of the patients to make the prosthetic socket. The scan was digitally modified by our TTSH P&O before being sent for 3D printing by an industry collaborator, Proffit Technologies JSC. Patients then wore the 3D printed socket for 4 weeks and provided feedback on it. The socket fittings were found to be successful at both TTSH and KTPH satellite locations. Feedback from patients showed that the 3D printed sockets to be comparable in performance and comfort to the current laminated sockets.

Patients also appreciated the better accuracy of fit of the 3D printed sockets. Our P&Os and technicians benefitted from time savings to produce a good fitting 3D printed socket as compared to the laminated ones. This method of 3D scanning and printing shows promise in delivering better care to amputee patients within NHG.



Research subject receiving his prosthesis fitted with 3D printed sockets

“ Digital ecosystems and additive manufacturing technologies have enabled our clinicians and technicians to deliver **high quality, timely and affordable** global solutions that are uniquely adapted to our local patients.

Ms Tabitha Quake Zhi Hui  
Principal Prosthetist/Orthotist



Technician performing a 3D scan of a transtibial amputee's stump using a handheld scanner

## UPCOMING

# CAPE

2 & 3 NOVEMBER  
0830HRS - 1800HRS

## ALLIED HEALTH CONGRESS 2023

RE-INVENTING FOR POPULATION HEALTH:  
**EMBRACING DIVERSITY & HARNESSING INCLUSIVITY**

Centre for Healthcare Innovation (CHI)  
L4 Auditorium,  
18 Jln Tan Tock Seng, Singapore 308443

BRINGING TOGETHER USERS,  
PROVIDERS & PARTNERS TO ENGAGE IN  
A ROBUST DIALOGUE ON POINTS OF TENSION  
AND POSSIBILITIES FOR CO-CREATION

STAY TUNED FOR MORE UPDATES...  
FOR MORE INFORMATION,  
SCAN ME TO VISIT OUR WEBSITE  
CAPE\_AH\_CONGRESS@TTSH.COM.SG

### REGISTRATION IS NOW OPEN!

TICKET PRICE \$200  
EXCLUSIVE OF 8% GST

GROUP REGISTRATION AVAILABLE

Visit our website at  
<http://cape-ahc2023.klobbi.com> to register

### COURSES by CAPE FOR OUR COMMUNITY!

Interested to take up courses to help seniors age gracefully? Community Care professionals may now sign-up for new courses by CAPE at the Centre for Healthcare Innovation (CHI) @ Tan Tock Seng Hospital.

DATE	COURSE
16 Aug	Basic Nutrition Care
Run 1 : 17 Aug Run 2: 21 Nov	Nutrition Considerations in Home Enteral Nutrition (HEN)
23 Aug	Speech Therapy in the Community: What can You do?
12 & 19 Sept	Nutrition Management for Chronic Diseases
19 & 26 Oct	Prevention and Management of Malnutrition in the Community
19 & 20 Oct	Rehabilitation for Older Adults
1 Dec	Approaches to optimise Nutrition Care for Adults in Intermediate and Long term Care (ILTC) Facilities



Register Now  
<https://lms.wizlearn.com/AIC>

For more information on courses, simply scan the QR code (right) to access the Learning Management System (LMS) and filter to "Tan Tock Seng Hospital (TTSH)" as the Learning Institute of your choice to find out more about the courses offered.

The Centre for Allied Health and Pharmacy Excellence (CAPE) was launched in May 2019 to spur strategic transformation of the Allied Health and Pharmacy Professionals through innovation, thought leadership development and training integration with partners across health and community sectors. CAPE provides an exciting platform for allied health professionals and pharmacists to drive innovation and training in health-social care integration so as to optimise independence and quality of life for our population. Through CAPE, we hope to collaborate, co-learn and co-create with partners across health-social sectors in the 3 identified key areas of innovation, trans-disciplinary and tech-enabled care. We also hope to build thought leadership and continuously innovate our roles and care models as future-ready Allied Health & Pharmacy professionals.

Presented by

