

All information stated is correct as of 7 Oct 2016 and subject to change without notice.  
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**Legend:**

<b>DIET</b> Dietitians	<b>HP</b> Health Professionals	<b>OT</b> Occupational Therapists	<b>MSW</b> Medical Social Workers
<b>PHARM</b> Pharmacists	<b>PT</b> Physiotherapists	<b>POD</b> Podiatrists	<b>RAD</b> Radiographers
			<b>ST</b> Speech Therapists

**DISCIPLINE-FOCUSED**

**CERTIFICATION**

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
<b>PT</b>	Advanced Certificate in Physiotherapy	At the end of this course, participants will be able to: 1) demonstrate entry-level knowledge and skills for physiotherapy practice in musculoskeletal, neurologic, cardiopulmonary, paediatric and women's health areas 2) appreciate the role of physiotherapy in the acute-care hospital setting in Singapore 3) develop confidence to undertake QE.	The programme covers four major components: Musculoskeletal physiotherapy, Cardiopulmonary physiotherapy, Neurologic physiotherapy and Paediatric physiotherapy & Women's Health. The contents include essential knowledge and skills, as well as fostering clinical reasoning development.  The programme comprises online discussions and workshops. There will also be assessments which include written assignments, presentations, theory and practical examinations.	The following requirements are necessary for the admission to the programme: 1) Be a graduate with professional qualifications to practise as a physiotherapist at the country of origin/training; 2) Be a member of the physiotherapy association at the country of origin/training; 3) Possess at least 2 years of work experience in the field of physiotherapy; and 4) Fulfill any one of the following minimum English language requirements: IELTS (Academic) - 5.5 TOEFL (Internet based) - 70 TOEFL (Computer based) - 196 TOEFL (Paper) - 525 5) Currently working/residing in Singapore	4 months (Aug - Nov 2017)	\$5500
<b>RAD</b>	BSc (Hons) Radiographic Studies	The aim of this course is to enable qualified radiographers to obtain an internationally recognised BSc (Hons) award. The course builds on the experience and skills of qualified radiographers, adding professional development skills and knowledge, and also gives students the academic skills required of an Honours graduate.	<ul style="list-style-type: none"> <li>Expertise, Evidence and Research for Clinical Practice               <ul style="list-style-type: none"> <li>Current Debates for Radiography</li> </ul> </li> <li>Leadership for Allied Health Professionals</li> <li>Clinical Project (Double module)</li> <li>Clinical Development of Radiography Skills</li> </ul>	Applicants would have qualified in their professional area with a Diploma from Nanyang Polytechnic, Singapore or its equivalent. Applicants should have studied in English or have an IELTS of 6.5  Application Closing Date: 31 July 2017  The electronic link and application process for the LSBU BSc (Hons) Radiographic Studies, Sep 2017 intake can be retrieved at:  <a href="http://www.lsbu.ac.uk/courses/course-finder/radiographic-studies-bsc-hons">http://www.lsbu.ac.uk/courses/course-finder/radiographic-studies-bsc-hons</a>	2 years (Sep 2017)	£4,750

**SKILLS-BASED**

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
<b>DIET</b>	Medical Nutrition Therapy for Chronic Kidney Disease Stage 1-3 (For Dietitians)	1) To provide dietitians an overview of current evidence-based nutrition management of chronic kidney disease (CKD) 2) To equip dietitians with basic essential nutrition knowledge on CKD 3) To equip dietitians with core competency in managing patients with CKD	<ol style="list-style-type: none"> <li>Common causes of CKD and its impact on nutrition</li> <li>Nutritional guidelines – current evidence</li> <li>Nutrition screening and assessment</li> <li>Nutrition intervention</li> <li>Understand and interpret relevant information including medical diagnosis, biochemistry and medication</li> <li>Identify and manage underlying contributing factors of malnutrition and nutrition related problems in CKD</li> <li>Basic meal planning</li> <li>Enteral products for CKD patients</li> <li>Evaluate practical aspects of nutrition therapy</li> </ol>	Nil	31 Oct 2017 (1 day)	\$200
<b>DIET</b>	Medical Nutrition Therapy for Diabetes (For Dietitians)	<ol style="list-style-type: none"> <li>To equip dietitians with essential nutrition knowledge on diabetes.</li> <li>To update dietitians with the latest and current principles and nutrition recommendations for people with diabetes, type 1, type 2 and other forms of diabetes.</li> <li>To update dietitians with knowledge on the principles of advanced carbohydrate counting.</li> <li>Understand the role of dietitians in the management of physical activity and exercise.</li> </ol>	<ol style="list-style-type: none"> <li>Nutrition in diabetes</li> <li>Applying nutritional guidelines – An 'ideal diet' for diabetes?</li> <li>Blood glucose lowering medications – implications for diet</li> <li>Carbohydrate counting principles</li> <li>Understanding hypoglycaemia and its treatment</li> <li>Other forms of diabetes – nutritional considerations</li> <li>Advanced CHO counting 1</li> <li>Advanced CHO counting 2</li> <li>Physical activity/ exercise</li> <li>Managing the young adult with diabetes</li> <li>Case study discussion</li> <li>Meeting the demands of pregnancy and diabetes</li> <li>Managing patients with poor intake – Considerations for patients on enteral feeding</li> <li>Sick Day Management – The Dietitian's role</li> </ol>	Nil	<b>Half day:</b> 16 and 18 Jan 2018 <b>Full day:</b> 20 Jan 2018 (1 day and 2 half days)	\$430
<b>OT</b>	Home Assessment and Interventions (Adult Population) (Most beneficial to New OT Graduates)	Healthcare Professionals especially Occupational Therapists play an important role in assessment of Falls and Environmental Modifications. This workshop outlines the importance of Home Evaluation in Falls Preventions. Newly graduated therapists will be equipped with knowledge and skills in providing Home Evaluation and be able to make appropriate recommendations for people with chronic diseases, progressive illness leading to physical and cognitive disabilities.	<ol style="list-style-type: none"> <li>To gain an overview of fall risks factors</li> <li>Demonstrate the ability in selection of home assessment tools for varied client groups</li> <li>Be equipped with Skills in home assessment and home modifications for varied clients group</li> <li>To equip with knowledge of home assessment report writing</li> </ol>	Nil	8 - 9 Feb 2018 (2 days)	\$460
<b>OT</b>	Prescription of Motorised Mobility Devices (Most beneficial to New OT Graduates)	To gain understanding in prescribing appropriate motorised mobility aids for clients with varied medical conditions.	<ol style="list-style-type: none"> <li>Common motorised mobility aids available for patients</li> <li>Prescription of appropriate devices for patients of varied medical conditions</li> <li>Practical sessions in managing motorised mobility aids</li> <li>Possible adaptations to existing motorised mobility and accessories</li> </ol>	Nil	2 days	430

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
PHARM	Anticoagulation Management	<ol style="list-style-type: none"> <li>1) Overview of coagulation tests used in anticoagulant monitoring</li> <li>2) DOACs uses and monitoring</li> <li>3) Role of Anticoagulation in Patients with Various Medical Conditions</li> <li>4) Perioperative management of patients on anticoagulants</li> <li>5) Local experience of setting up Anticoagulation Service</li> <li>6) Audit of Anticoagulation Clinic</li> <li>7) Pharmacoeconomic modelling for Anticoagulation Clinic</li> <li>8) Virtual Monitoring Clinic</li> <li>9) Clinical Attachment to Anticoagulation Clinic</li> <li>10) Case Discussions</li> </ol>	To provide an opportunity for pharmacists, doctors and nurses to increase their knowledge and expertise in managing patients receiving anticoagulation therapy.	Pharmacist-trained	5-7 Mar 2018 (3 days)	\$820
PHARM	Pharmacy Continuing Professional Education (CPE) Lecture				1 hour	Nil
PT	Advanced Respiratory Care & Exercise Prescription in Patients with Chronic Respiratory Disease	<p>At the end of the workshop, the participants should acquire:</p> <ol style="list-style-type: none"> <li>1. Advanced understanding of the pathophysiology, diagnosis and management approach of patients with COPD, chronic suppurative lung diseases and interstitial lung disease</li> <li>2. Advanced skills to assess and provide holistic management for patients with chronic lung disease</li> <li>3. Ability to gather, interpret and synthesize information to evaluate the impact of chronic respiratory disease on the quality of life</li> <li>4. Latest knowledge and skills to update existing pulmonary rehabilitation program or to implement new programs</li> </ol>	Patients with chronic lung diseases can be categorized into obstructive and restrictive dysfunction based on associated pulmonary pathologies. Besides respiratory dysfunctions, these patients often developed secondary impairments such as muscular and psychosocial dysfunctions. This workshop aims at equipping physiotherapists with necessary skills to manage the complex cardiopulmonary problems in patients with chronic lung diseases, in particular chronic obstructive pulmonary disease, chronic suppurative lung diseases, asthma and interstitial lung disease. It is suitable for physiotherapists with working experience who are starting to specialize in cardiopulmonary physiotherapy, as well as for experienced clinicians as a refresher course.	Nil	17 - 23 Jan 2018 (20 hours over 5 half days)	\$650
PT	Advanced Respiratory Care in Surgical Patients	<p>At the end of the workshop, the participants should acquire:</p> <ol style="list-style-type: none"> <li>1) Knowledge on the purpose, indication, selection and preparation of patients for preoperative rehabilitation</li> <li>2) Ability to gather, interpret and synthesize information to evaluate the impact of surgery and its associated medical management on the patient's pulmonary function</li> <li>3) Advanced understanding of the pathogenesis, diagnosis and management approach of patients with postoperative pulmonary complications (PPC)</li> <li>4) Knowledge to risk stratify surgical patients for PPC</li> <li>5) Advanced skills to assess and provide holistic physiotherapy management for patients undergoing complex surgery</li> </ol>	Major and complex surgeries are being more routinely performed these days. There is a substantial body of literature examining the pre-operative, intraoperative & postoperative care of the surgical patients. This workshop aims at equipping physiotherapists with skills necessary to manage the complex surgical patients, in particularly the obese, elderly and pregnant surgical candidate, as well as patients for head and neck surgery, lung surgery and solid organ transplant. The pathophysiology and the clinical predicting model for post-operative pulmonary complications will be reviewed. The emerging evidence supporting the roles of physiotherapy in pulmonary care and exercise rehabilitation during the peri-operative period will be explored.	Nil	23 - 29 Nov 2017 (20 hours over 5 half days)	\$650
PT	Clinical Reasoning to Musculoskeletal Physiotherapy	<p>At the end of the workshop, the participants should be able to:</p> <ol style="list-style-type: none"> <li>1) Outline contemporary biopsychosocial approaches for management of musculoskeletal disorders.</li> <li>2) Formulate differential diagnoses of musculoskeletal disorders and evaluate the most likely diagnosis.</li> <li>3) Rationalize and prioritize treatment selections for effective management of musculoskeletal disorders</li> </ol>	The development of clinical reasoning skills is a pertinent component to guide one towards clinical expertise. This workshop will cover the principles of clinical reasoning, pain neurophysiology, and adopts a systematic biopsychosocial framework to guide assessment and management of musculoskeletal disorders. The workshop will include a large component group interactive discussions.	Nil	13- 16 Nov 2017 (24 hours over 4 half days)	\$620
PT	Clinical Reasoning for Physiotherapy Management in Stroke	<p>At the end of this workshop, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. To understand acute stroke medical management for cerebral infarcts and haemorrhage.</li> <li>2. To understand medical management of stroke patients in sub-acute and chronic phases.</li> <li>3. To be able to use the International Classification of Functioning, Disability and Health (ICF) model as a framework for clinical reasoning in management of people after stroke.</li> <li>4. To understand the mechanisms underlying motor impairments following stroke and their impact on performance of everyday activities.</li> <li>5. To be able to identify motor and non-motor impairments through observation of everyday tasks.</li> <li>6. To be able to prioritise physiotherapy interventions based on analysis of impairments contributing to activity limitations.</li> <li>7. To be able to identify prognostic factors contributing to recovery in people after stroke.</li> <li>8. To have an awareness of services and opportunities in the community to uptake and maintain physical and social activities for people after stroke.</li> </ol>	This workshop will address current evidence and provide a holistic framework to guide clinical reasoning in physiotherapy management of people after stroke.	Nil	15 - 20 Mar 2018 (16 hours over 4 half days)	\$450
PT	Evidence-based Practice in Physiotherapy	<ol style="list-style-type: none"> <li>1) Develop an appreciation for evidence based medicine practice</li> <li>2) Conduct efficient and systematic search of medical literature that relates to a clinical question</li> <li>3) Appraise the quality of a clinical research based on its methodology</li> <li>4) Interpret the results of common types of clinical research</li> </ol>	This workshop emphasises the principles of evidence-based practice and it specifically caters to clinicians who wish to improve their clinical practice through enhanced skills in sourcing, interpreting, and applying the scientific literature. The workshop covers study design & research terminology, commonly used literature appraisal tools for RCTs & systematic review, and statistical data interpretation	Nil	13 - 18 Jul 2017 (16.5 hours over 4 half days)	\$550
PT	 Functional strength and conditioning	<p>At the completion of this course, participants should be able to:</p> <ol style="list-style-type: none"> <li>1) Apply the key principles of functional resistance training to assist in designing effective exercise programmes.</li> <li>2) Develop periodical and biomechanically-balanced functional strength and conditioning programmes.</li> <li>3) Understand and use concepts such as the kinetic link principle, dynamic stability, time-under-tension and energy system training.</li> <li>4) Manipulate programme variables to train specifically for technique and control, endurance, hypertrophy, maximum strength and/ or explosive power.</li> <li>5) Recognise musculoskeletal subsystems and anatomical slings and train across these systems to stimulate global core stability.</li> <li>6) Demonstrate proficiency in creating and performing a comprehensive progression of resistance training exercises from basic functional training for activities of daily living to more advanced sports conditioning.</li> </ol>	<p><b>PRINCIPLES OF STRENGTH AND CONDITIONING</b></p> <ul style="list-style-type: none"> <li>- Defining functional training</li> <li>- Principles of functional strength training and programme design</li> <li>- Dynamic stability and the kinetic link principle</li> <li>- Manipulation of programming variables</li> <li>- Stability driven training + mobility driven training</li> </ul> <p><b>REHABILITATION TO SPORTS CONDITIONING</b></p> <ul style="list-style-type: none"> <li>- Training systems for endurance &amp; hypertrophy</li> <li>- Training systems for maximum strength</li> <li>- Power and Plyometrics</li> <li>- Training movement patterns in three dimensions</li> </ul> <p><b>EXERCISE PRESCRIPTION AND DEVELOPMENT</b></p> <ul style="list-style-type: none"> <li>- Lower body focused movement patterns</li> <li>- Upper body push / pull movements patterns</li> <li>- Applying the kinetic link principle</li> <li>- Upper body arcs and closed kinetic chain</li> <li>- Functional slings and outer core stability</li> <li>- Progression and regression of exercises</li> </ul> <p><b>FUNCTIONAL TRAINING EXERCISE PROGRAMS</b></p> <ul style="list-style-type: none"> <li>- Creating functional strength training programs</li> <li>- Examples of introductory and advanced programs</li> <li>- The language of precise exercise description</li> <li>- Designing effective and efficient workouts</li> </ul>	With at least 2 years of working experience in musculoskeletal outpatient settings and/or with musculoskeletal post graduate trainings)	6 - 8 Apr 2017 (3 days)	\$1600
PT	Oncology Rehabilitation	<ol style="list-style-type: none"> <li>1) To explore the use of exercise for people with cancer with a specific focus on evidence, rationale and implementation across the disease spectrum (particularly in lung, colorectal and haematological cancers).</li> <li>2) To use clinical decision making strategies for exercise prescription and outcome measurement in cancer</li> <li>3) For participants to learn ways to deliver safe and effective exercise programs for people with cancer</li> <li>4) To explore the role of physiotherapy in intensive care</li> </ol>	<ol style="list-style-type: none"> <li>1) Specific precautions(Chemo and RT) to note with oncology patients</li> <li>2) Exercise in cancer</li> <li>3) Physiotherapy in Haematology cancer</li> <li>4) Physiotherapy in lung cancer</li> <li>5) ICU physiotherapy care for cancer patients</li> </ol>	Nil	5 - 7 Mar 2018 (3 days)	\$930
PT	 Optimal Utilisation of Ventilators for Physiotherapy	The course aim to enable physiotherapists to optimally utilise ventilators during physiotherapy. It would cover both invasive and non invasive ventilators. Physiotherapists would learn how to set up portable ventilators and NIV, monitor and adjust the settings during physiotherapy.	<ol style="list-style-type: none"> <li>1) Use of NIV and its evidence</li> <li>2) Modifying NIV settings to augment PT intervention( secretion clearance/ ambulation)</li> <li>3) Setting up for portable ventilator for ambulation</li> <li>4) Modifying ventilator settings during ambulation</li> <li>5) Recruitment manouvers</li> </ol>	This is an advanced Intensive care Physiotherapy course. Participants should: <ol style="list-style-type: none"> <li>1) have worked in ICU.</li> <li>2) be aware of ventilator modes and basic ventilator monitoring during physiotherapy</li> </ol>	24 - 26 Jul 2017 (3 days)	\$1010

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
PT	Physiotherapy Management of Parkinson's Disease	<ol style="list-style-type: none"> <li>1) Discuss the pathophysiology of Parkinson's disease (PD).</li> <li>2) Differentiate between PD and other atypical parkinsonian syndromes.</li> <li>3) Discuss the medical management of people with PD.</li> <li>4) List the criteria for deep brain stimulation.</li> <li>5) Discuss the non-motor symptoms of PD and their impact on patients and caregivers.</li> <li>6) Perform a competent physiotherapy assessment of the patient with PD.</li> <li>7) Discuss the rationale underlying various treatment approaches in people with PD. These include resistance training, cognitive movement strategies and use of cues.</li> <li>8) Design and implement treatment programs for people with PD using an evidence-based approach. This includes identifying individuals who are at risks of falls.</li> </ol>	This workshop aims to provide participants with an opportunity to increase their knowledge and understanding of current evidence-based assessment and management of people with Parkinson's disease (PD) within a multidisciplinary setting. It also covers the use of movement strategy training to address gait, freezing and mobility issues, and design of effective treatment programs for people with PD. This workshop comprises of lectures, practical sessions and case discussions.	Nil	7 - 10 Nov 2017 (16 hours 4 half days)	\$450
PT	Problem Solving Approach in Respiratory Physiotherapy	<ol style="list-style-type: none"> <li>1. The skills to assess, identify indications, precautions and contraindications &amp; prioritize the respiratory problems amenable to physiotherapy techniques</li> <li>2. Advanced knowledge on the rationale and scientific basis supporting the various cardiorespiratory therapy techniques</li> <li>3. Abilities to identify physiotherapy techniques and adjuncts that are suitable for different respiratory issues</li> <li>4. Practical skills to manage the various respiratory physiotherapy adjuncts</li> </ol>	This workshop introduces the "Problem Solving Approach" to contemporary cardiopulmonary physiotherapy practice. It is a simple framework that helps clinical reasoning, and guide patient management and outcomes through evaluation of clinical features and potential pathophysiological basis. This workshop aim to provide both physiological and scientific evidence to support, or otherwise, the commonly used respiratory care modalities in local setting. This is an interactive workshop with many case illustration and practical components. The contents are appropriate for those who have some/ basic exposure to patients with cardiopulmonary dysfunction, and aims to provide specialized care by developing a systematic and evidence-based approach to respiratory care delivery.	Nil	15 - 21 Jun 2017 (20 hours over 5 half days)	\$650
RAD	Ultrasound Elastography	<ol style="list-style-type: none"> <li>1) Understand the principles of strain and shear-wave elastography.</li> <li>2) Be familiar with the differences between strain and shear-wave elastography.</li> <li>3) Recognize the normal and abnormal features of tendons evaluated with strain elastography.</li> <li>4) Understand the application of shear-wave elastography for estimating liver fibrosis and cirrhosis.</li> <li>5) Be familiar with current artefacts, pitfalls and limitations of ultrasound elastography.</li> </ol>	<ol style="list-style-type: none"> <li>1) Musculo-tendinous elastography: principle, technique, applications and potential pitfalls</li> <li>2) Liver elastography: principle, technique, applications and potential pitfalls</li> <li>3) Practical hands-on session</li> </ol>	Nil	28 Oct 2017 (Half-day)	\$180 (AHPs) \$250 (Medical Clinicians & GPs)
ST	Lidcombe Programme of Early Stuttering Intervention	The Lidcombe Program is an evidence based, behavioural treatment for early stuttering, developed by clinicians at the Stuttering Unit, South Western Sydney Local Health District and researchers at the University of Sydney. The two-day workshop is designed for speech pathologists who are interested in using the Lidcombe Program. The treatment in the Lidcombe Program is parental verbal contingencies during everyday conversations. Clinical measurement of stuttering is critical in the Lidcombe Program, because it is a focus of all management decisions and the focus of all communication about stuttering between the clinician, parent, and child.	<ol style="list-style-type: none"> <li>1) Understand the latest development of stuttering treatment</li> <li>2) Understand the rationale and concepts of the Lidcombe Program</li> <li>3) Confidently conduct the components of the Lidcombe Program – training parents, speech measures, therapy, and maintenance</li> </ol>	Nil	25 - 26 May 2017 (2 days)	\$700

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<span style="background-color: #FFEB3B; color: black; padding: 2px 5px;">PHARM</span> Pharmacists	<span style="background-color: #2196F3; color: white; padding: 2px 5px;">PT</span> Physiotherapists	<span style="background-color: #00BCD4; color: white; padding: 2px 5px;">POD</span> Podiatrists	<span style="border: 1px solid black; padding: 2px 5px;">RAD</span> Radiographers
			<span style="background-color: #FFEB3B; color: black; padding: 2px 5px;">ST</span> Speech Therapists

**MULTIDISCIPLINARY (for Healthcare Professionals)**

**LEADERSHIP & COMMUNICATIONS**

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
HP	Developing Leadership Capabilities and Effectiveness (Most beneficial to AHP/ HOD, individuals managing teams, or high potentials for leadership positions)	<ol style="list-style-type: none"> <li>1) Understand principles and insights into leadership</li> <li>2) Apply knowledge and skills learnt</li> <li>3) Develop into not merely good, but an extraordinary and effective leader.</li> </ol>	<ol style="list-style-type: none"> <li>1) Great Leaders Make a Great Difference</li> <li>2) Character is the Essence of Leadership</li> <li>3) Principles of Leadership: Be, Know, Do</li> <li>4) Leadership Styles: Using the Right One</li> <li>5) Leadership &amp; Teams</li> <li>6) Legacy of Leadership: Develop Your People</li> </ol>	Nil	10 & 17 Oct 2017	\$400
HP	 Positive leadership	<p>This course aims to enable leaders to lead in a positive ways that bring out the best in people.</p> <p>Upon completion of the workshop, participants will be able to:</p> <ul style="list-style-type: none"> <li>- Explain the case for positive leadership</li> <li>- Imbue positive meaning into work and leadership</li> <li>- Share a few elements of the Performance-Happiness Model</li> <li>- Understand their own happiness at work, and potential of the IPPQ for their teams</li> <li>- Have a more positive emotional effect on others</li> <li>- Give and receive growth-promoting feedback</li> <li>- Transform crises into opportunities for learning, growth and enhanced service</li> </ul>	<ul style="list-style-type: none"> <li>• The Case for Positive Leadership</li> <li>• Positive Meaning in Work</li> <li>• The Performance-Happiness Model and the iOpener People and Performance Questionnaire, which is based on the model</li> <li>• Leading with Emotional Awareness</li> <li>• Positive Communication</li> <li>• Positive Leadership in the face of Adversity</li> </ul>	Nil	18 and 31 May 2017 (2 days)	\$620

**PEDAGOGY & EDUCATION RESEARCH**

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
HP	Biostatistics for Research (Basic/Intermediate)	<p>Participants will gain a good introduction to biostatistical concepts, particularly in the context of clinical trials and other aspects of clinical research. Topics covered will include summary statistics and hypothesis tests, with a heavy emphasis on teaching participants to carry out statistical analysis on their own using SPSS.</p> <p>Participants will learn the essential statistical considerations in clinical trials. In addition, various functions of the SPSS will also be taught. Participants will learn how to use SPSS for both qualitative and quantitative analysis.</p>	<ol style="list-style-type: none"> <li>1) SPSS basics – defining data, simple descriptive</li> <li>2) Introduction to Clinical research methodology. Design issues, intention to treat vs per protocol, estimation, Hypothesis testing, type 1 &amp; 2 errors &amp; Sample size</li> <li>3) Qualitative analysis Parametric and non-parametric tests</li> <li>4) Recording data, logical and compute statements. Charts &amp; graphs</li> <li>5) Quantitative Analysis : Determining associations between categorical variables – Chi square, Fisher's Exact and McNemar test. Use of odds ratios and relative risks</li> <li>6) Merging files. Exporting files from Excel &amp; Access. Syntax commands</li> <li>7) Correlation &amp; Linear Regression: Association between quantitative variables – Pearson's &amp; Spearman's correlation. Multiple regression to control for confounders or to determine for predictors in a quantitative outcome variable</li> <li>8) Logistic regression. To control for confounders or to determine predictors for a qualitative outcome variable</li> <li>9) Survival analysis. Kaplan Meier and Cox regression for analysis of quantitative data with censoring</li> </ol>	Nil	3-5 Apr 2017 12-14 Jun 2017 3-5 Jul 2017 (3 days)	\$700
HP	Biostatistics for Research (Advance)	<p>Participants will gain a good introduction to Advanced biostatistical concepts, which extends the intermediate Quantitative &amp; Qualitative Data Analyses techniques.</p> <p>This course is recommended for participants who have previously enrolled for the Biostatistics for Research (Basic/Intermediate) Course.</p>	<ol style="list-style-type: none"> <li>1) Revision for Basic &amp; Intermediate</li> <li>2) Multinomial, Ordinal, Conditional Logistic regression. OR vs RR</li> <li>3) Linear Regression vs GLM</li> <li>4) Mixed Model analysis &amp; Generalized Linear Models</li> <li>5) Repeated Measures GLM vs Mixed model. Generalized Estimating Equations (GEE)</li> <li>6) Poisson regression &amp; Weighted logistic regression</li> <li>7) ROC analysis – development of risk score models</li> <li>8) PCA, Factor &amp; Reliability analysis</li> </ol>	Nil	15-17 May 2017 6-8 Nov 2017 (3 days)	\$780
HP	Motivational Interviewing (Basic & Intermediate)	<p>The aim of this interactive workshop is to introduce the theory and foundational skills of Motivational Interviewing (MI) through didactic and experiential processes. Participants will become acquainted with the history of MI and underlying theories and key foundational skills.</p>	<ol style="list-style-type: none"> <li>1) Motivational Interviewing: 30 Years of asking questions about change</li> <li>2) The underlying assumptions, ideas and theories of MI</li> <li>3) What is MI and is not MI</li> <li>4) The Spirit of MI</li> <li>5) The foundational Skills</li> <li>6) Interacting with Change &amp; Sustain Talk</li> <li>7) Working with discord</li> <li>8) Planning for Change</li> <li>9) Exploring cultural considerations for MI</li> </ol>	Nil	14-16 Aug 2017 10-12 Jan 2018 (3 days)	\$770

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**MULTIDISCIPLINARY (for Healthcare Professionals)**

**SKILLS-BASED**

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
<span style="background-color: #E91E63; color: white; padding: 2px 5px;">HP</span>	CPD Lecture Series (approx 10 for FY17)				1 hour (once every month)	Nil
<span style="background-color: #9C27B0; color: white; padding: 2px 5px;">OT</span> <span style="background-color: #2196F3; color: white; padding: 2px 5px;">PT</span>	Clinical Application of Proprioceptive Neuromuscular Facilitation (PNF): Introductory Course	<ol style="list-style-type: none"> <li>Gain an understanding of the philosophy and principles of PNF.</li> <li>Be skilled in the performance of the basic patterns of PNF including:               <ol style="list-style-type: none"> <li>Scapular patterns</li> <li>Pelvic patterns</li> <li>Upper limb patterns</li> <li>Lower limb patterns</li> </ol> </li> <li>Acquire the ability to apply the techniques of PNF in a variety of both musculoskeletal and neurological conditions requiring movement reeducation.</li> <li>Be able to utilise PNF techniques as an efficient, effective method of increasing range of movement.</li> <li>Develop an understanding of how to incorporate PNF with other treatment approaches in musculoskeletal and neurological conditions.</li> <li>Have an ability to utilise PNF techniques in functional activities such as bed mobility, gait and sporting actions.</li> <li>Develop an understanding of the current literature supporting the wide range of clinical uses of PNF.</li> </ol>	<ol style="list-style-type: none"> <li>History of PNF, Principles and Techniques</li> <li>Pelvic Patterns</li> <li>Lower Limb Patterns</li> <li>Scapular Patterns</li> <li>PNF and stretching</li> <li>Upper limb Patterns</li> <li>Integrating Clinical Approaches</li> <li>Functional Application</li> <li>Patient Demonstration and Discussion</li> </ol>	Nil	6 - 8 Oct 2017 (3 days)	\$1030
<span style="background-color: #9C27B0; color: white; padding: 2px 5px;">OT</span> <span style="background-color: #2196F3; color: white; padding: 2px 5px;">PT</span>	Cognitive Rehabilitation	<ol style="list-style-type: none"> <li>Understand the benefits of cognitive rehabilitation</li> <li>Assess cognitive impairment to develop interventions</li> <li>Adopt Strategies in Cognitive Interventions for varied conditions</li> <li>Understand the use of memory aids</li> </ol>	<ol style="list-style-type: none"> <li>Overview of Cognitive Impairment</li> <li>Cognitive abilities of individual with mild cognitive impairment</li> <li>Assessment of Cognitive Impairment</li> <li>Application of cognitive strategies in Cognitive Rehabilitation</li> <li>Use of memory aids and set up of environment to facilitate learning</li> </ol>	Nil	16 - 18 Aug 2017 (3 days)	\$950
<span style="background-color: #E91E63; color: white; padding: 2px 5px;">HP</span>	Ergonomics	To understand ergonomics / human factors approach to human-machine-environment system	<ol style="list-style-type: none"> <li>Introduction to ergonomics</li> <li>Musculoskeletal Systems and Disorders</li> <li>Ergonomics Risk Assessment</li> <li>Anthropometry</li> <li>Ergonomic programme development</li> <li>Office Ergonomics</li> <li>Manual Handling</li> <li>Stretching exercises</li> </ol>	Nil	22 - 23 Mar 2018 (2 days)	\$450
<span style="background-color: #9C27B0; color: white; padding: 2px 5px;">OT</span> <span style="background-color: #2196F3; color: white; padding: 2px 5px;">PT</span>	 Evidence-based Upper Limb Retraining After Stroke	<ol style="list-style-type: none"> <li>Name the essential components (invariant kinematic features) of normal reach and manipulation.</li> <li>Recognise common compensations when observing people with stroke/brain injury attempting to reach for and use everyday objects; understand and explain why these compensatory strategies should be discouraged during practice.</li> <li>Discuss factors thought to contribute to the development of muscle overactivity/spasticity, and strategies to prevent these secondary problems.</li> <li>Explain the relationship and differences between spasticity/overactivity, muscle length changes, missing essential components and compensations.</li> <li>Plan and conduct an observational analysis and motor training session with a person who has had a stroke</li> <li>Name key factors that affect motor learning, and how these factors can be modified to enhance learning and increase intensity of practice.</li> <li>Use an electrical stimulation machine to stimulate paralysed muscles</li> <li>Discuss evidence related to various interventions including constraint-induced movement therapy and mirror therapy to improve motor recovery and function of a person's upper limb</li> </ol>	<ol style="list-style-type: none"> <li>Analysis of normal movement</li> <li>Analysis of Abnormal Movement</li> <li>Being an Effective Coach</li> <li>Muscle length changes and spasticity</li> <li>Evidence of Therapy Effectiveness</li> <li>Clinical sessions (hands-on)</li> </ol>	Participants must be registered with the Allied Health Professions Council, Singapore and hold a valid practising certificate.	12 - 14 Jun 2017 (3 days)	\$1200
<span style="background-color: #9C27B0; color: white; padding: 2px 5px;">OT</span> <span style="background-color: #2196F3; color: white; padding: 2px 5px;">PT</span>	Theraband Bands, Balls and Balance	<ol style="list-style-type: none"> <li>Understand the scientific basis for elastic resistance exercise prescription and progression</li> <li>Demonstrate the appropriate use of elastic resistance devices</li> <li>Understand the scientific basis for proprioceptive training and progression</li> <li>Demonstrate appropriate use of proprioceptive training devices</li> <li>Apply principles of clinical progressions using elastic resistance and proprioceptive training devices</li> </ol>	<p>The "Bands, Balls and Balance" workshop includes lectures and hands-on lab activities using elastic resistance bands, exercise balls and balance training devices. The workshop provides evidence-based and clinically relevant exercise progressions. Participants will learn the scientific basis for use of these devices and enhance their clinical decision making and problem solving skills.</p> <p>The workshop will cover the following:</p> <ol style="list-style-type: none"> <li>The Science of Elastic Resistance Training</li> <li>Hands on: Elastic Resistance Lab</li> <li>Progressive Proprioceptive Training Lecture</li> <li>Proprioceptive Lab – Balls and Balance</li> <li>Clinical Progressions and Functional applications</li> </ol>	Nil	3 Nov 2017 (1 day)	\$280
<span style="background-color: #9C27B0; color: white; padding: 2px 5px;">OT</span> <span style="background-color: #E91E63; color: white; padding: 2px 5px;">HP</span>	Community Care Partners Programme: Care Management in Advanced Parkinson		<ol style="list-style-type: none"> <li>Common problems encountered: Postural hypotension, pain, motor fluctuations</li> <li>Communication and Swallowing in advanced PD</li> <li>Advanced Care Planning</li> <li>Learning via Case study</li> </ol>	Nil	6 May 2017 (Half-day, afternoon)	\$50
<span style="background-color: #E91E63; color: white; padding: 2px 5px;">HP</span>	Diabetes Nutrition	<ol style="list-style-type: none"> <li>To equip multidisciplinary diabetes healthcare providers with basic yet essential nutrition knowledge on diabetes.</li> <li>To debunk misconceptions about diet and diabetes.</li> <li>To enhance the importance of using self-blood glucose monitoring as a tool to better achieve the control of blood glucose level and to see how different food affect blood glucose level.</li> </ol>	<ol style="list-style-type: none"> <li>Nutrition – in diabetes management</li> <li>Diabetes nutrition recommendations – current updates</li> <li>'Diabetic Diet': Facts &amp; Fallacies</li> <li>Eating with Diabetes</li> <li>Meal planning with Diabetes</li> <li>Glycaemic index</li> <li>Importance of Self Blood Glucose Monitoring (SBGM)</li> <li>Tracking hypes and hypos</li> <li>Armchair Supermarket Tour</li> </ol>	Nil	19 Sept 2017 (1 day)	\$220
<span style="background-color: #E91E63; color: white; padding: 2px 5px;">HP</span>	Enteral Nutrition	<ol style="list-style-type: none"> <li>To equip healthcare providers with skills in handling patients requiring enteral nutrition feeding.</li> <li>To promote evidence based practice for enteral nutrition management.</li> </ol>	<ol style="list-style-type: none"> <li>Nutrition screening and assessment</li> <li>Enteral feeding rationale and monitoring</li> <li>Enteral feed product selection</li> <li>Enteral product taste session</li> <li>Identifying enteral feeding complications</li> <li>Enteral feeding trouble shooting</li> <li>Medication administration via feeding tube</li> <li>Feeding tube selection</li> </ol>	Nil	27 Feb 2018 (1 day)	\$240

Target Audience	Course Title	Course Objectives	Course Outline	Pre-Requisites	Date/Duration	Fee
HP	Essential Counselling Skills	<p>This course aims to:</p> <ul style="list-style-type: none"> <li>Provide training in the use of counselling skills.</li> <li>Identify the range of attitudes, behaviours and skills when working with different people.</li> <li>Apply problem-solving technique in a safe and supportive environment.</li> <li>Discuss the ethical and practical implications.</li> </ul>	<ol style="list-style-type: none"> <li>Introduction to counselling</li> <li>Qualities of an effective helper</li> <li>Seven principles of casework</li> <li>Attending &amp; Observational Behaviours</li> <li>Basic listening skills</li> <li>The Problem-Solving Approach: PADI</li> <li>Role Plays</li> </ol>	Nil	27-28 Apr 2017 12-13 Oct 2017 (2 days)	\$500
HP	Influencing Behaviour Through Person-centred Approach (Part 1)	<ol style="list-style-type: none"> <li>Define person centered care approach and relate this to practical service issues</li> <li>Identify and address barriers to implementation of person-centred care approach</li> <li>Apply models that can be used to influence behaviour and promote dignity and respect for people with dementia</li> </ol>	<ol style="list-style-type: none"> <li>Experiential Activity</li> <li>Unpacking Person-centred Care (PCC) Principles <ol style="list-style-type: none"> <li>Definition-VIPS</li> <li>Barriers to VIPS in care setting</li> </ol> </li> <li>Using the Enriched Model of Dementia to address responsive behaviours <ol style="list-style-type: none"> <li>Defining responsive behaviours</li> <li>Adopt the Enriched Model of Dementia to explain the responsive behaviours</li> <li>Formulate PCC interventions to address the responsive behaviours</li> </ol> </li> </ol>	Nil	31 Jul - 1 Aug 2017 (2 days)	\$620
HP	 Influencing Behaviour Through Person-centred Approach (Part 2) (Most beneficial to Healthcare Professionals working in Dementia Care setting)	<ol style="list-style-type: none"> <li>Adopt the Person-centred approach (PCA) to relate to practical care issues</li> <li>Apply skills and techniques based on the Enriched Model of Dementia to influence responsive behaviours of persons with dementia.</li> <li>Apply Person-centred Approach to collaborate with caregivers to address responsive behaviours of persons with dementia</li> </ol>	<ol style="list-style-type: none"> <li>Reflections and Experiential Activity</li> <li>Review of Enriched Model of Dementia Plans</li> <li>Person-centred Approach skills and techniques to influence responsive behaviours: <ol style="list-style-type: none"> <li>Communication</li> <li>Validation</li> <li>Facilitation</li> <li>Engagement</li> </ol> </li> <li>Person-centred Approach Interventions to collaborate with caregivers <ol style="list-style-type: none"> <li>Provide Psycho-educational interventions</li> <li>Develop task-specific and problem solving skills</li> <li>Strengthen Competence</li> </ol> </li> </ol>	Participants should have completed Influencing Behaviour Through Person-centred Approach (Part 1). Participants will have to come with a case study of an existing patient and an Enriched Model of Dementia Care Plan for this workshop.	19, 22 - 23 Jan 2018 (3 days)	\$810
HP	LivingWorks - Applied Suicide Intervention Skills Training (ASIST)	ASIST, in short for Applied Suicide Intervention Skills Training, is a two-day intensive workshop designed to help frontline gatekeepers and professionals recognise and assist persons at risk of suicide using an effective suicide intervention model.	<ol style="list-style-type: none"> <li>Introduction Module <ul style="list-style-type: none"> <li>Sets the tone, norms &amp; expectations of the learning experience.</li> </ul> </li> <li>Attitudes Module <ul style="list-style-type: none"> <li>Sensitises participants to their own attitudes towards suicide. Creates an understanding of the impact that attitudes have on their intervention process.</li> </ul> </li> <li>Knowledge Module <ul style="list-style-type: none"> <li>Provides participants with the knowledge &amp; skills to recognize &amp; assess the risk of suicide.</li> </ul> </li> <li>Intervention Module <ul style="list-style-type: none"> <li>Presents a model for effective suicide intervention. Participants develop their skills through observation, supervised simulation experiences &amp; role-plays.</li> </ul> </li> <li>Resources Module <ul style="list-style-type: none"> <li>Generates information about resources in the local community. Promotes a commitment by participants to build local resources into helping networks.</li> </ul> </li> </ol>	Nil	12-13 July 2017 8-9 Nov 2017 7-8 Mar 2018 (2 days)	\$520
HP	Mental Health First Aid	This course aims to equip participants with basic mental health knowledge, so as to recognize common mental health problems, provide initial help for persons in distress, and guide the person towards appropriate professional help	<ol style="list-style-type: none"> <li>Introduction of Mental Health First Aid</li> <li>Mental Health Issues in Singapore <ol style="list-style-type: none"> <li>Psychosis</li> <li>Mood Disorders</li> <li>Anxiety Disorders</li> <li>Addiction Problems</li> <li>Self-care as a first aider</li> </ol> </li> </ol>	Nil	26 - 27 Oct 2017 (2 days)	\$450
HP	 Solution Focused Brief Therapy (SFBT)	<p>This workshop aims to enable participants to:</p> <ol style="list-style-type: none"> <li>Acquire knowledge of the core skills, mind-set and philosophy of SFBT</li> <li>Appreciate the relevance of SFBT to their clinical practice (specifically within the healthcare setting)</li> <li>Practice application of the solution focused model structure during the course of the workshop</li> </ol>	<ol style="list-style-type: none"> <li>Introduction to the history, development, philosophy &amp; mindset of solution focused brief therapy</li> <li>Basic framework for first session protocol <ol style="list-style-type: none"> <li>Key questioning techniques</li> <li>Stages of Solution Building</li> <li>Review of Day 1 &amp; process</li> </ol> </li> <li>Basic framework for second &amp; subsequent session protocol <ol style="list-style-type: none"> <li>Applying EARS process</li> </ol> </li> <li>Dealing with client setbacks, relapses &amp; challenging situations</li> <li>Final review of SF process</li> </ol>	Nil	17-18 Jul 2017 and Follow up on 21 Aug 2017 (2 days & 2 hour follow up)	\$710