

## How to access SIG Online Case Studies (for PSS members-complimentary)

1. Log in at [www.pss.org.sg](http://www.pss.org.sg) with your user name and password. If you have forgotten your password or have not logged onto PSS website before, click the request password link. You will be prompted to enter your email. Please note that the email you have entered should be the one you have given PSS during your membership application/renewal updates. If you have forgotten this, please give us a call at 6221 1136.
2. Click on the SIG Case Studies Series link under the “Healthcare Professionals” tab.

The screenshot shows the PSS website homepage. The top navigation bar includes 'About Us', 'Healthcare Professionals', 'Store', 'Know Your Medicines', and 'What's Happening'. The 'Healthcare Professionals' tab is selected. Below the navigation bar, there is a search box and a 'Membership Renewal' section. The main content area is titled 'Healthcare Professionals | In This Section' and contains several categories: 'Pharmacist', 'Pre-Registration Pharmacists', and 'PSS Annual Report'. Under 'Pharmacist', there are sub-categories: 'Clinical Guidelines', 'CE Online', and 'Online Resources'. The 'SIG Case Study Series' link is highlighted with a blue arrow. The 'Pre-Registration Pharmacists' section lists 'Pre-Registration Training Schedule 2014/2015' and 'Making The Transition From School To The Profession'. The 'PSS Annual Report' section lists '2012 - 2013' and '2013 - 2014'.

3. Choose the case study you would like to attempt by clicking on the respective link.

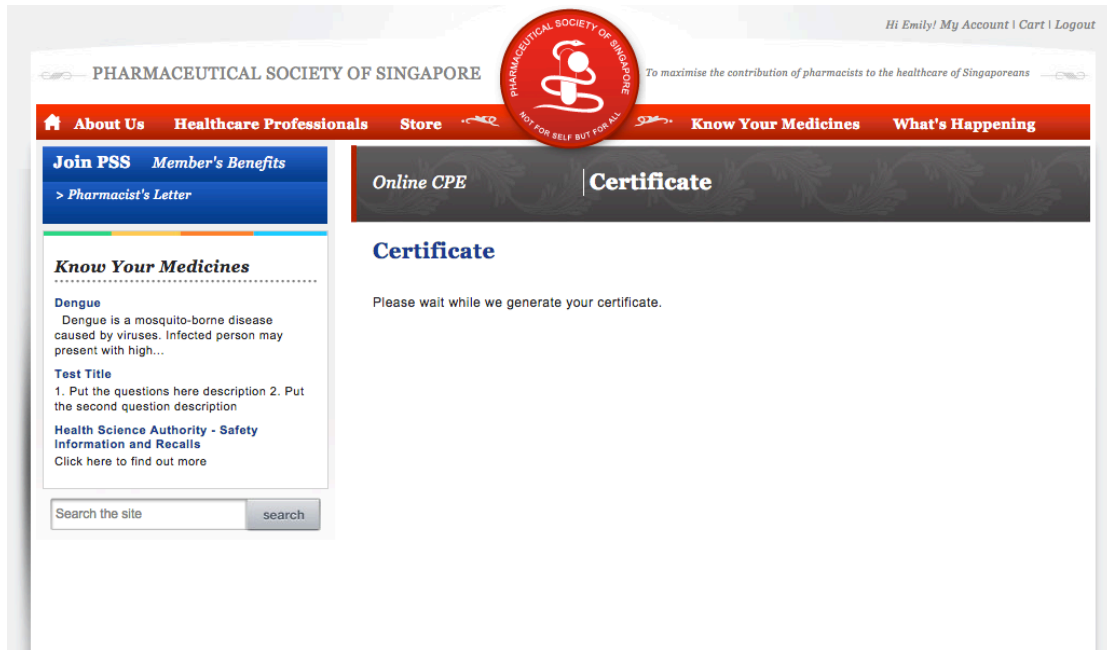
The screenshot shows the 'SIG Case Study Series' page on the PSS website. The page is titled 'SIG Case Study Series' and features a section for 'Special Interest Group (SIG) Case Study Series'. Below this section, there is a list of case studies: 'New! PSS Continuing Education: Understanding Pain Management', 'PSS Continuing Education: Acute Management of Myocardial Infarction in a Patient with Concomitant Atrial Fibrillation and Reduced Ejection Fraction', 'PSS Continuing Education: A short case of mild Acute Kidney Injury and the use of bisphosphonate in patients with CKD', 'PSS Continuing Education: Geriatrics Case Study', and 'PSS Continuing Education: Allergic Rhinitis'. The page also includes a search box and a 'Membership Renewal' section.

#### 4. Begin your case study activity.

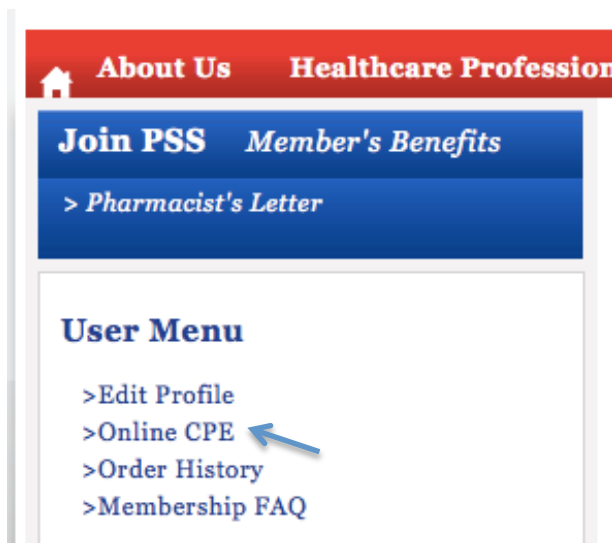
The screenshot shows the website of the Pharmaceutical Society of Singapore. The header includes the society's name and logo, along with the tagline 'To maximise the contribution of pharmacists to the healthcare of Singaporeans'. The navigation menu includes 'About Us', 'Healthcare Professionals', 'Store', 'Know Your Medicines', and 'What's Happening'. The main content area is titled 'Quiz | PSS Continuing Education: Understanding Pain Management'. The quiz description states: 'Pain is one of the most common symptoms seen in palliative medicine and is one that patients fear most. Uncontrolled pain causes discomfort and affects patient's quality of life. Pain management is complex and often requires a multi-disciplinary team approach for holistic management. Pharmacists play an important role in assessing and managing pain and need to understand the pharmacotherapy in order to optimize medication therapy and monitor adverse effects.' The learning objectives are: 1. To be able to differentiate an opioid naive patient from an opioid tolerant patient. 2. To be able to recommend an appropriate opioid dose and route for patient with severe pain. 3. To know when to reassess pain relief and side effects when starting/titrating opioid medication. Recommended readings include 'NCCN Guidelines for Adult Cancer Pain' with a link to [http://www.nccn.org/professionals/physician\\_gls/pdf/pain.pdf](http://www.nccn.org/professionals/physician_gls/pdf/pain.pdf). A note states that registration is required for access to the reference, but registration with NCCN is free of charge. The case study is contributed by Mr Ricky Ang, with education credentials of BSc (pharm), BCOF.

#### 5. Once the CPE has been completed and the user has obtained the required passing score, complete the post activity feedback and a certificate will be generated and downloaded.


The screenshot shows the same website as above, but the quiz has been completed. A green banner displays the message: 'Congratulations! You passed the quiz with score 100 of 100. Please scroll down to look through the answers and click "Next" to continue.' Below this, a 'Summary' section contains a list of questions. The first question is: '1. A 68 year old male patient with metastatic NSCLC was admitted to the hospital at 1 a.m. because of left upper arm pain with a pain score of 8/10. He was unable to move his arm due to the pain which had gradually worsened over the last 1 week. He described his pain as dull and throbbing. He was prescribed with po morphine syrup 5mg q4h 3 weeks ago at the clinic. He had been taking breakthrough doses 6-8 times a day for 2 week, without any significant side effects. PMH: DM Hypertension BPH Drug Allergies: Penicillins, ciprofloxacin, naproxen, co-trimoxazole Medications prior to admission: Metformin 500mg tds Glipizide 2.5mg bd Lisinopril 10mg om Terazosin 1mg on PE: Alert, lucid. Normal heart sounds. Poor air



6. Alternatively, you can always revisit your account to print/re-print the certificate of your completed case study from your user account. To do this, click on the “Online CPE” link on the user menu.



7. The below screen will be displayed. For activities you have completed, the “download certificate” link will be displayed.

Online CPE Title	Score	Date Taken	
PSS Continuing Education: Understanding Pain Management	100.00	Wed, 2015-01-07 13:57	<a href="#">Attempt CPE Download Certificate</a> 
PSS Continuing Education: Allergic Rhinitis	N/A	Not Taken	<a href="#">Attempt CPE</a>
PSS Continuing Education - Geriatrics Case Study	N/A	Not Taken	<a href="#">Attempt CPE</a>
PSS Continuing Education: A short case of mild Acute Kidney Injury and the use of bisphosphonate in patient with CKD	N/A	Not Taken	<a href="#">Attempt CPE</a>
PSS Continuing Education: Acute Management of Myocardial Infarction in a Patient with Concomitant Atrial Fibrillation and Reduced Ejection Fraction	N/A	Not Taken	<a href="#">Attempt CPE</a>