

The logo for St Vincent's, consisting of the letters 'StV' in a stylized, italicized font. The 'S' and 't' are blue, and the 'V' is grey.A large, thick orange arrow pointing to the right, positioned in the upper left quadrant of the blue background.

# *Allied Health Online*

A product of the  
St Vincent's Centre for Allied Health Research

The 7<sup>th</sup> National Allied Health Conference  
Hobart, July 2007

A white arrow pointing to the right, positioned in the lower left corner of the blue background.

Jane Henderson, Project Coordinator  
BAppSc(Physio)Hons, DipBus, MPubHlth

## PROJECT TEAM

### The St Vincent's Team



Dr Lynette Joubert  
Project Leader

Jane Henderson  
Project Coordinator  
& Content Expert

Andrea Mitchell  
Social Work Content Expert

Natalie Simmance  
& Alison Bowie  
Dietitian Content Experts

Stefan Wigg  
Occupational Therapy  
Content Expert

*St Vincent's Centre for Allied Health Research*



## PROJECT TEAM

### The Melbourne University Team

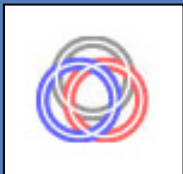


THE UNIVERSITY OF  
MELBOURNE

Claire Brooks  
Project Manager & Educational  
Design Educational Technology  
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Patrick Fong  
Programming  
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Chris Hanger & Judy McCombe  
Graphic Design  
Educational Technology Services



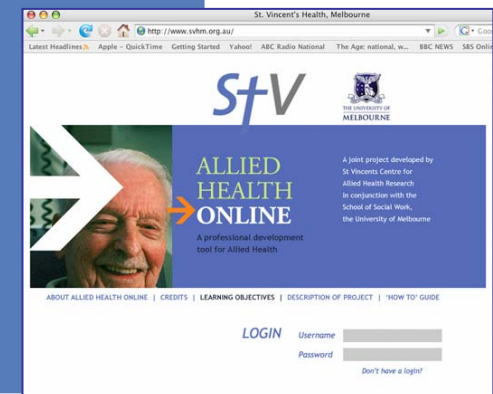
TeLaRS –  
Teaching Learning & Research Support



# INTRODUCTION



- Allied Health Education
  - Problem-based learning
  - Multidisciplinary focus
  - Enhances teamwork, highlights similarities and differences, acknowledges skills and improves communication
  - Prevents duplication and saves resources
- Technology
  - Multimedia learning is a vastly growing area
- Combining the two
  - *Allied Health Online* combines multidisciplinary, problem-based learning with a web-based collaborative teaching tool



## BACKGROUND

- Allied Health Domains Project
  - *Allied Health Online* evolved from previous research of the St Vincent's Centre for Allied Health Research
  - Highlighted a set of generic skills
  - Identified differences
  - Crucial attributes not being taught
  
- Allied Health Education
  - Combination of University based and clinical training
  - Restricted by insufficient resources
  
- *Allied Health Online*
  - Incorporates the learning of these skills which “only experience brings”





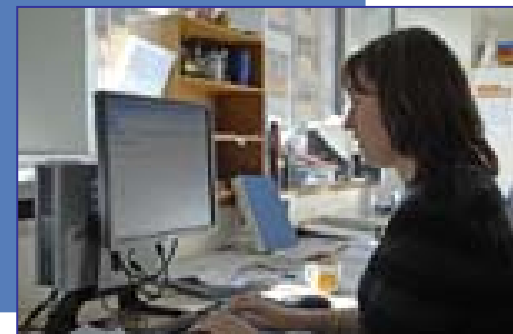
## AIMS

### Our aim:

- To develop a computer-based pedagogical tool for students and recent graduates of allied health

### Aims of the program:

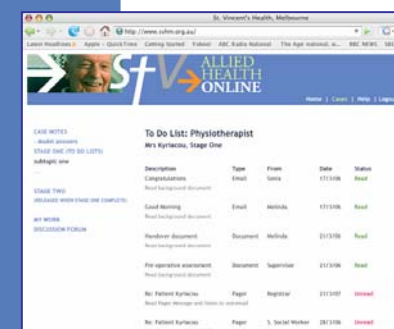
- To learn about allied health professions, the patient, family, and the interactions between these groups
- To advance the knowledge of the processes and decision making involved in patient care
- To enhance clinical education without increasing resources on healthcare facilities





## PROGRAM OVERVIEW

- *Allied Health Online* presents a patient case study
- As the patient progresses through the program, the participant is asked to fulfil assessment tasks
- Assessment tasks are submitted to the participant's online workbook
- The supervisor has access to the participant's workbook, but the program is not reliant on the supervisor's input
- Includes informative resources and website links to contribute to advanced learning



Description	Type	From	Date	Status
Complications	Email	Self	17/1/16	Read
Load History	Email	Self	17/1/16	Read
Handover document	Document	Self	17/1/16	Read
Fit operative instructions	Document	Supervisor	17/1/16	Read
No Patient Kyrleto	Page	Supervisor	17/1/16	Unread
No Patient Kyrleto	Page	Supervisor	17/1/16	Unread

StV

The screenshot shows a web browser window with the address bar displaying <http://www.svhm.org.au/>. The browser's address bar also shows several search engines: Latest Headlines, Apple - QuickTime, Getting Started, Yahoo!, ABC Radio National, The Age: national, w..., BBC NEWS, and SBS Online. The page header features the StV logo and the crest of The University of Melbourne. The main content area is a blue banner with a photograph of an elderly man smiling. A large white arrow points from the left towards the man's face, and a smaller orange arrow points from the man's face towards the text. The text on the banner reads: **ALLIED HEALTH ONLINE** and *A professional development tool for Allied Health*. To the right of the banner, it states: *A joint project developed by St Vincents Centre for Allied Health Research in conjunction with the School of Social Work, the University of Melbourne*. Below the banner, there are navigation links: [ABOUT ALLIED HEALTH ONLINE](#) | [CREDITS](#) | [LEARNING OBJECTIVES](#) | [DESCRIPTION OF PROJECT](#) | ['HOW TO' GUIDE](#). At the bottom, there is a **LOGIN** section with fields for *Username* and *Password*, and a link for *Don't have a login?*



The screenshot shows a web browser window with the title "St. Vincent's Health, Melbourne" and the URL "http://www.svhm.org.au/". The browser's address bar and search bar are visible. Below the browser window, a navigation bar contains links for "Latest Headlines", "Apple - QuickTime", "Getting Started", "Yahoo!", "ABC Radio National", "The Age: national, w...", "BBC NEWS", and "SBS Online". The main content area features a blue header with a photograph of an elderly man, the "StV" logo, and the text "ALLIED HEALTH ONLINE". A "Home" link is located in the bottom right corner of the header. The main content area is divided into two columns. The left column contains a list of links: "CREDITS", "LEARNING OBJECTIVES", "DESCRIPTION OF PROJECT", and "'HOW TO' GUIDE". The right column is titled "Learning Objectives" and contains three paragraphs of text.

St. Vincent's Health, Melbourne

http://www.svhm.org.au/

Latest Headlines Apple - QuickTime Getting Started Yahoo! ABC Radio National The Age: national, w... BBC NEWS SBS Online

StV ALLIED HEALTH ONLINE Home

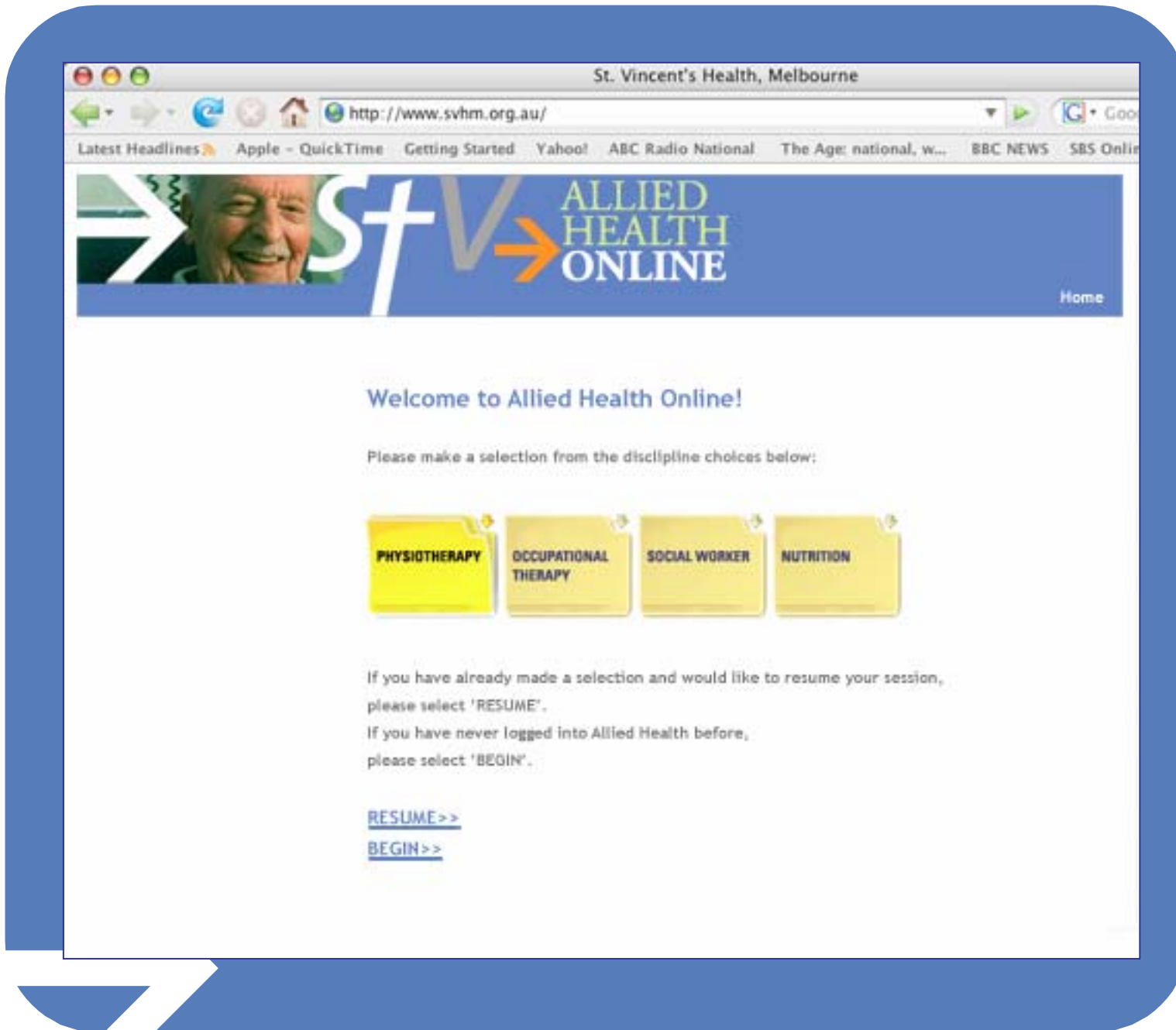
CREDITS  
LEARNING OBJECTIVES  
DESCRIPTION OF PROJECT  
'HOW TO' GUIDE

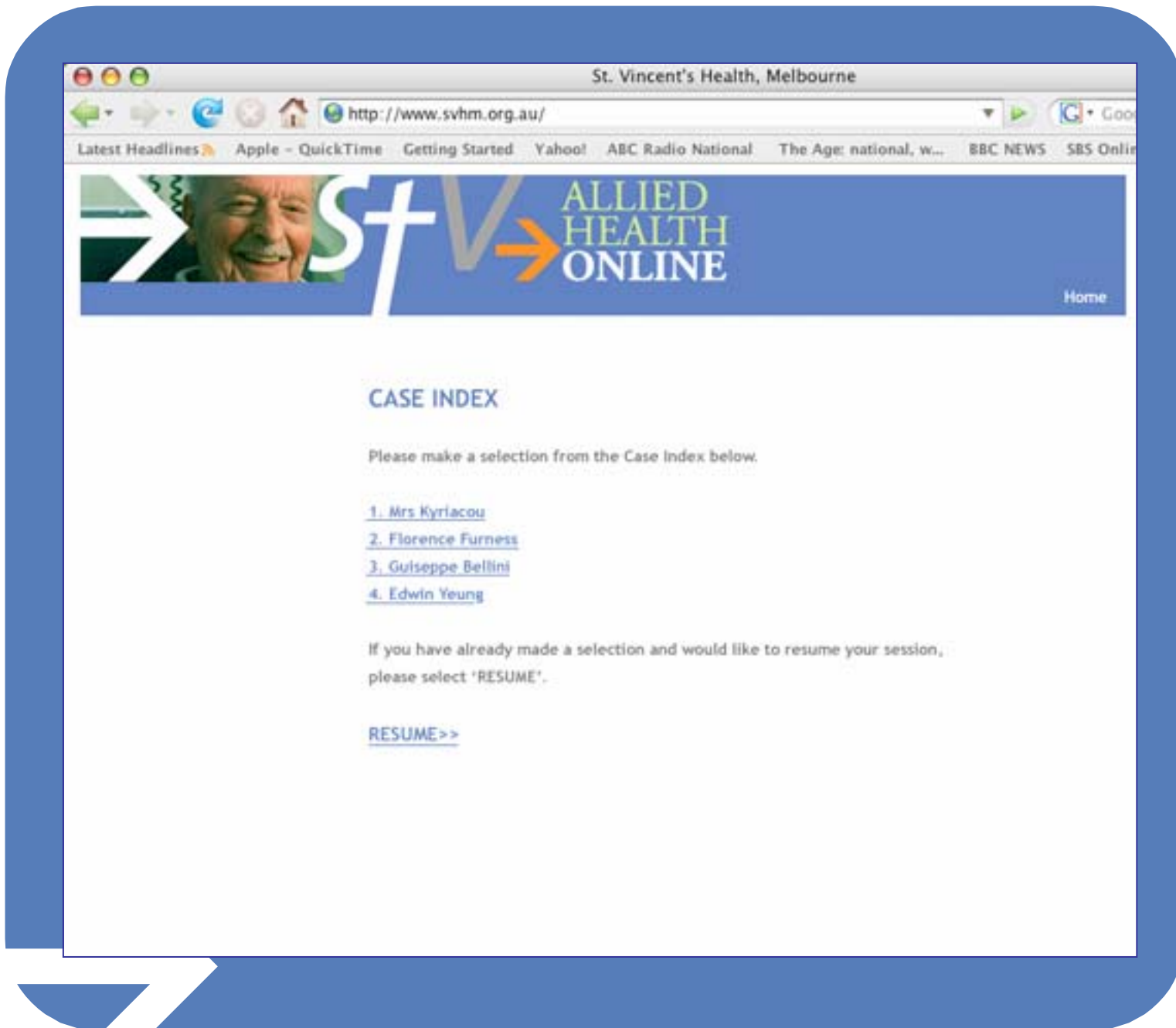
## Learning Objectives

Allied Health Online is an electronic learning package for students and new graduate staff of allied health disciplines to engage in simulated patient management.

The purpose is to provide a pedagogical tool to complement clinical education.

The aim is to teach participants the roles and responsibilities of all allied health professionals, the importance of interdisciplinary interactions and teamwork, and the relevance of the professional-patient/family relationship in patient care.





## CASE INDEX

Please make a selection from the Case Index below.

- [1. Mrs Kyriacou](#)
- [2. Florence Furness](#)
- [3. Giuseppe Bellini](#)
- [4. Edwin Yeung](#)

If you have already made a selection and would like to resume your session, please select 'RESUME'.

[RESUME>>](#)

The screenshot shows a web browser window with the address bar displaying <http://www.svhm.org.au/>. The browser's address bar also shows several search engines and news sources: Latest Headlines, Apple - QuickTime, Getting Started, Yahoo!, ABC Radio National, The Age: national, w..., BBC NEWS, and SBS Online. The website's header features a blue banner with the StV logo and the text "ALLIED HEALTH ONLINE". Navigation links for Home, Cases, Help, and Logout are visible in the top right corner of the banner.

On the left side of the page, there are several menu items: "CASE NOTES", "STAGE ONE (TO DO LISTS)", "subtopic one", "MY WORK", and "DISCUSSION FORUM".

The main content area is titled "CASE NOTES" and contains a tabbed interface with the following tabs: "ADMISSION HISTORY" (selected), "PHYSIOTHERAPY", "OCCUPATIONAL THERAPY", "SOCIAL WORKER", and "NUTRITION".

The "ADMISSION HISTORY" tab displays a patient profile for Mrs Kyriacou. On the left is a small portrait of an elderly woman. To the right of the portrait, the following information is listed:

- Mrs Kyriacou
- DATE OF ADMISSION: 17/03/06
- ADMITTING HMO: TBC
- ADMITTING UNIT: TBC

Below this information, there are two links: "PRESENTING COMPLAINT AND HISTORY/" and "FAMILY HISTORY/SYSTEM REVIEW: More...".

St. Vincent's Health, Melbourne

http://www.svhm.org.au/

Latest Headlines Apple - QuickTime Getting Started Yahoo! ABC Radio National The Age: national, w... BBC NEWS SBS Online

Home | Cases | Help | Logout

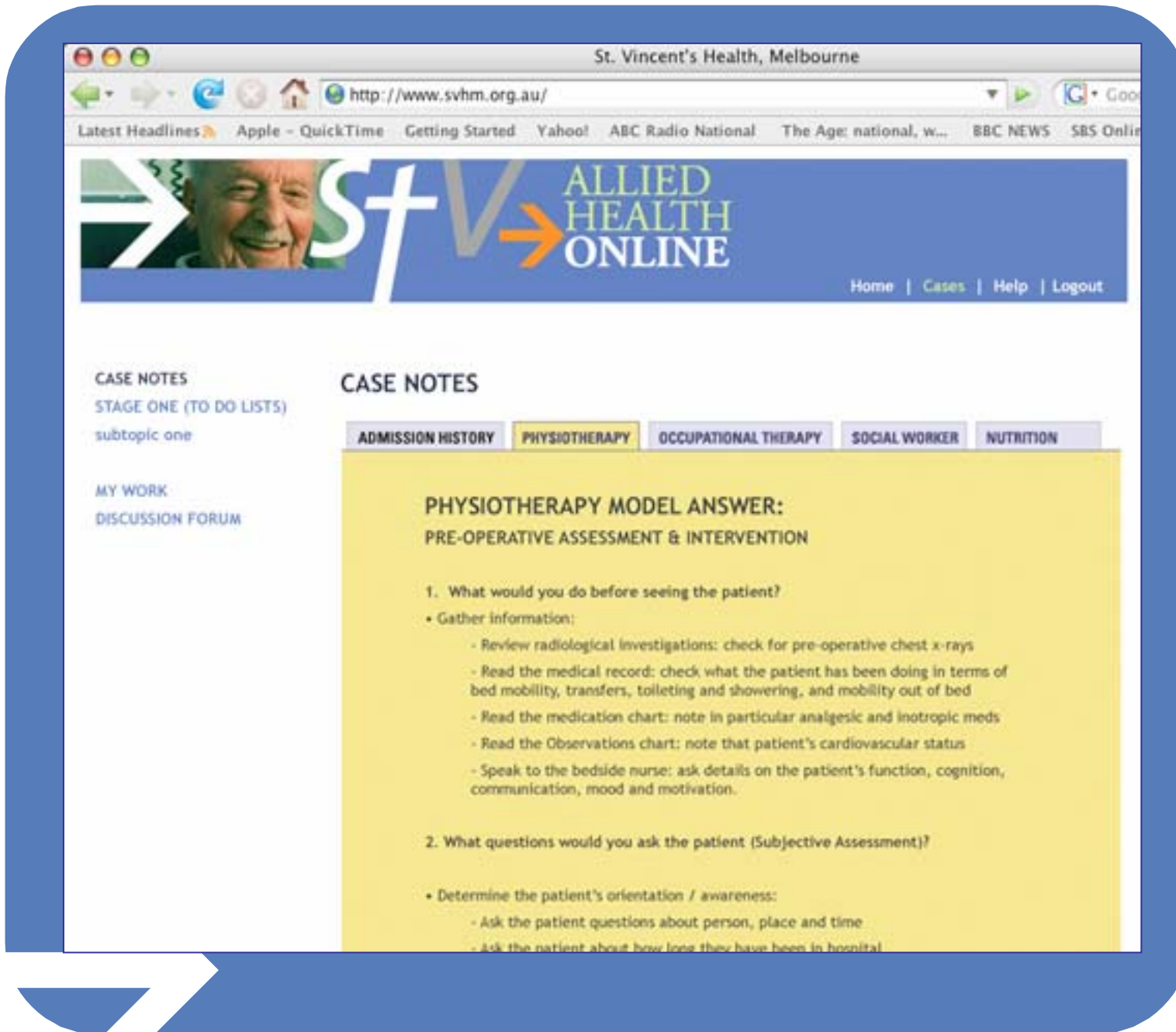
**CASE NOTES**  
- Model answers  
**STAGE ONE (TO DO LISTS)**  
subtopic one  
...

**STAGE TWO**  
(RELEASED WHEN STAGE ONE COMPLETE)

**MY WORK**  
**DISCUSSION FORUM**

**To Do List: Physiotherapist**  
Mrs Kyriacou, Stage One

Description	Type	From	Date	Status
Congratulations Read background document.	Email	Sonia	17/3/06	Read
Good Morning Read background document.	Email	Melinda	17/3/06	Read
Handover document Read background document.	Document	Melinda	21/3/06	Read
Pre-operative assessment Read background document.	Document	Supervisor	21/3/06	Read
Re: Patient Kyriacou Read Pager Message and listen to voicemail	Pager	Registrar	21/3/07	Unread
Re: Patient Kyriacou Read Pager Message and follow up in discussion forum	Pager	S. Social Worker	28/3/06	Unread



St. Vincent's Health, Melbourne

http://www.svhm.org.au/

Latest Headlines Apple - QuickTime Getting Started Yahoo! ABC Radio National The Age: national, w... BBC NEWS SBS Online

**StV** ALLIED HEALTH ONLINE

Home | Cases | Help | Logout

**CASE NOTES**

STAGE ONE (TO DO LISTS)

subtopic one

MY WORK

DISCUSSION FORUM

**CASE NOTES**

ADMISSION HISTORY **PHYSIOTHERAPY** OCCUPATIONAL THERAPY SOCIAL WORKER NUTRITION

**PHYSIOTHERAPY MODEL ANSWER:  
PRE-OPERATIVE ASSESSMENT & INTERVENTION**

1. What would you do before seeing the patient?

- Gather information:
  - Review radiological investigations: check for pre-operative chest x-rays
  - Read the medical record: check what the patient has been doing in terms of bed mobility, transfers, toileting and showering, and mobility out of bed
  - Read the medication chart: note in particular analgesic and inotropic meds
  - Read the Observations chart: note that patient's cardiovascular status
  - Speak to the bedside nurse: ask details on the patient's function, cognition, communication, mood and motivation.

2. What questions would you ask the patient (Subjective Assessment)?

- Determine the patient's orientation / awareness:
  - Ask the patient questions about person, place and time
  - Ask the patient about how long they have been in hospital



## PLANNING & DEVELOPMENT

### Program Timeline:

- 2003
  - ITMM (Information Technology and/or multimedia) grant secured
  
- 2004
  - Initial project proposal postponed and reviewed
  
- 2005
  - The *Allied Health Domains* project was conducted
  - Decided to create a learning tool for allied health students
  - St Vincent's Health partnered with TeLARS Department
  - The first patient case of *Allied Health Online* was written
  - Clinical experts recruited to write the discipline-specific content







## PLANNING & DEVELOPMENT

### Program Timeline:

➤ 2006

- St Vincent's Health staff wrote the program content
- The TeLARS department transcribed the written documents into a Learning Design Specification

➤ 2007

- Content expanded to include resources and multimedia
- Expected completion of *Allied Health Online*







## IMPLEMENTATION & EVALUATION

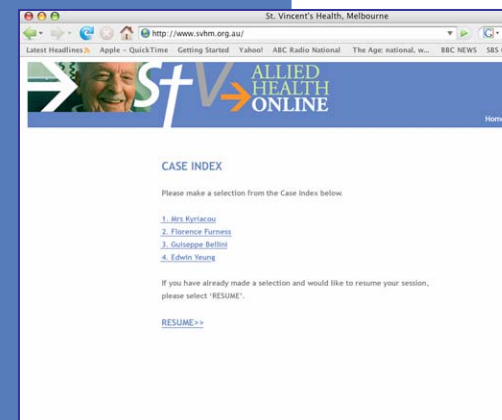
- *Allied Health Online* will be trialled on The University of Melbourne students and staff at St Vincent's Health
- Feedback will be sought from program participants and changes implemented
- A CD-ROM of *Allied Health Online* will be available to purchase from The Melbourne University bookstore





## FUTURE SCOPE

- Sale of *Allied Health Online* to tertiary teaching facilities and health services nationally and internationally
- Supplementary versions to be developed
- Endless scope for future versions to vary patient case, condition and the allied health professions involved





THANK YOU

