



**Life Time Smiles Graduate Training Program**  
Certificate in Advanced Dentistry

## **1. General Program Information**

The Life Time Smiles Graduate Training Program is a 2 year program for dental graduates. Continuation into the second year of the program is dependent upon performance in the first year. To gain entry into the Program you must hold a Bachelor of Dental Science from a recognised Australian tertiary institution or equivalent.

Further, you must demonstrate a pass in the ADC exam and/or be registered in Australia as a general dental practitioner. This program is highly focused on Comprehensive Dentistry and an interest in comprehensive care is one of the key attributes held by the trainees in The Life Time Smiles Graduate Training Program. Under the guidance of our Clinical Director, the trainees will undergo 1 year of intensive practical and theoretical training, and will graduate with a clinical skill set well beyond their years.

The Life Time Smiles Graduate Training Program is run in conjunction with the Life Time Smiles practices which operate in Queensland and the Northern Territory. We currently have dental practices in Brisbane, Mt Isa, Dysart, Middlemount and Darwin which operate in conjunction with the Graduate Training Program. These practices offer their communities neuromuscular, reconstructive, aesthetic and implant dentistry, along with general dentistry.

## **2. Program Aims and Objectives**

The objective of this program is to produce dentists who are highly qualified to treat patients with neuromuscular, reconstructive, aesthetic, implant and sleep dentistry using effective diagnostic treatment planning, communication and complete case management techniques. The graduates of The Life Time Smiles Graduate Training Program will be highly employable, and upon graduation may be invited to remain practicing within the Life Time Smiles Group, or may gain employment within another dental practice or dental group aligned with the Life Time Smiles group.

After successfully completing the Graduate Training Program you should be able to:

1. Demonstrate a thorough theoretical and practical understanding of neuromuscular, reconstructive, aesthetic, implant and sleep dentistry.
2. Treat patients with CEREC and communicate effectively with the patients regarding this treatment.
3. Treat patients with Invisalign and communicate effectively with the patients regarding this treatment.
4. Stabilise and restore TMD/OSA patients successfully.
5. Place and restore dental implants successfully.

6. Understand effective treatment planning and consistently offer patients best care.
7. Perform immediate care for all patients who do not elect to undertake best care or deferrable treatment.
8. Manage patient flow to ensure productive viability, and manage support staff by ensuring they do the same.
9. Apply risk management procedures in an ethical and professional manner.
10. Undertake complex case planning and interdisciplinary case management.

### **3. Program Structure**

The Life Time Smiles Graduate Training Program is delivered in four streams:

- (i) Diagnosis and Comprehensive Treatment Planning (DCTP)
- (ii) Complex Case Management and Risk Management (CCMRM)
- (iii) Reconstructive Dentistry Skills Competence (RDSC)
- (iv) Professional Communication and Case Presentation (PCCP)
- (v) Business Management and Profitable Practice (BMPP)

These streams include internal and external tuition. The first 6 months (semester 1) of the program is delivered internally at the Life Time Smiles head office in Brisbane. The final 18 months (semesters 2 to 4) of the course is delivered both internally and externally with additional clinical training periodically held internally at the Brisbane office.

Session 1:

Introductory Level Courses – Internal:

- LTS-DENT111 Introduction to Diagnosis and Comprehensive Treatment Planning (DCTP)
- LTS-DENT112 Introduction to Complex Case Management and Risk Management (CCMRM)
- LTS-DENT113 Introduction to Professional Communication and Case Presentation (PCCP)
- LTS-DENT114 Introduction to Business Management and Profitable Practice (BMPP)

Session 2:

Level 1 Courses – Internal:

- LTS-DENT 121 Introduction to Reconstructive Dentistry – Phase 1 Stabilisation Before Aesthetic Reconstruction (RDSC) (CCMRM)
- LTS-DENT123 OSA/TMD Diagnosis – PSG and K7
- LTS-DENT 124 OSA/TMD Treatment Protocols (CCMRM)
- LTS-DENT125 OSA/TMD Appliance Design and Selection (CCMRM)
- LTS-DENT 126 Appliance Delivery – Coronoplasty (RDSC)

### Session 3

#### Level 1 Courses – Internal

- LTS-DENT131 Complex case planning and Communication (DCTP)
- LTS-DENT 132 Business Management and Profitable Practice in Mixed Practice (BMPP)
- LTS-DENT132 Invisalign Accreditation (DCTP)
- LTS-DENT132 CEREC 3D (DCTP)

### Session 4:

#### Level 1 Courses – External:

- LTS-NBC-DENT141 Introduction to Implant Prosthetics (CCMRM)
- LTS-NBC-DENT142 Introduction to Implant Surgical Procedures (CCMRM)

### Session 5

#### Level 1 Courses – Internal:

- LTS-DENT151 Smile Design (CCMRM) (CCMRM)
- LTS-DENT152 Functional Aesthetic Dentistry
- LTS-DENT153 Bite Management in Aesthetic Dentistry (PCCP)
- LTS-DENT154 Implant Management in Aesthetic Dentistry (CCMRM)

### Session 6

#### Level 1 Courses:

- LTS-DENT161 Delivering the smile (RDSC) (CCMRM)
- LTS-DENT162 Finishing the Aesthetic Case (RDSC) (CCMRM)
- LTS-DENT 163 Managing the Bite and Airway in Aesthetic Cases (CCMRM)

### Session 7:

#### Level 2 Courses – Internal:

- LTS-DENT271 Management of Multiple Morbidities in TMD/OSA (DCTP)
- LTS-DENT272 Multidisciplinary Care in Complex Case Management and Risk Management (CCMRM)
- LTS-DENT273 Advanced Professional Communication and Case Presentation (PCCP)
- LTS-DENT274 Business Management and Profitable Practice – Practice Transition (BMPP)

### Session 8:

#### Level 2 Courses – Internal:

- LTS-DENT 281 Reconstructive Dentistry – Full Arch Reconstruction (RDSC) (CCMRM)
- LTS-DENT282 Complex Case Management and Risk Management – Documentation (CCMRM)
- LTS-DENT 283 Reconstructive Dentistry – Bite and Airway Management during Full Arch Reconstruction (RDSC)
- LTS-DENT284 OSA/TMD Treatment Protocols – Post Reconstruction Management

## Session 9

### Level 2 Courses – Internal

- LTS-DENT291 Complex case planning – Ortho/Restorative Dentistry (DCTP) and TMD/OSA
- LTS-DENT 292 Introduction to Neuromuscular Orthodontics
- LTS-DENT293 Invisalign in Neuromuscular Dentistry (DCTP)
- LTS-DENT294 Business Management and Profitable Practice – Team Management (BMPP)

## Session 10:

### Level 2 Courses – Internal & External:

- LTS-DENT2101 Guided Implant Placement (CCMRM)
- LTS-NBC-DENT2101 Expanding Restorative Treatment Options (CCMRM)
- LTS-NBC-DENT2102 Intro to Tissue Mgmt & Implant Procedures to Optimise Aesthetics & Function (CCMRM)

## Session 11

### Level 2 Courses – Internal:

- LTS-DENT2111 K7 Scan Interpretation (CCMRM) (CCMRM)
- LTS-DENT2112 Full Mouth Reconstruction
- LTS-DENT2113 Business Management and Profitable Practice – Marketing Your Skills (BMPP)

## Session 12

### Level 1 Courses:

- LTS-DENT2121 Coronoplasty – Finishing the Case (RDSC) (CCMRM)
- LTS-DENT2122 TMD and Craniofacial-Cervical Pain (PCCP)
- LTS-DENT2123 FMR and OSA (RDSC) (CCMRM)
- LTS-DENT 2124 Business Management and Profitable Practice – Team Training (BMPP)

## **4. Learning Resources**

### Compulsory Readings:

1. Compilation: Scientific Literature in Neuromuscular Dentistry (Folder 1)
2. Jay Gerber (Centre for Occlusal Studies)
3. Neuromuscular Dental Diagnosis and Treatment, by Dr. Robert Jankelson, Ishiyaku EuroAmerica, ST Louis, Missouri, 2nd Edition 2005
4. Dr. Robert Jankelson's book on Posture, Airway and The Tongue In Clinical Dentistry.
5. 3rd Edition of Myotronics Literature Review contains abstracts and references to scientific articles supporting the efficacy of surface electromyography, low frequency TENS and mandibular tracking for diagnosis and treatment of TMD
6. Sahag Research Collection, Volumes I & II
7. Robert Jankelson (TMD and Coronoplasty)

## 5. Assessment

### Diagnosis and Comprehensive Treatment Planning (DCTP)

Task 1: Response to 2-part Stimulus Case – Diagnosis and Treatment Planning  
– Due 6 months (Part A) and 6 months (Part B) into the Program (100%)

Part A: You will be given stimulus material regarding A TMD/OSA patient. You must “work up” the case and devise A “BEST CARE” treatment plan for this patient. You must then write 500 words on this treatment plan justifying why you would recommend that plan and what the risks or better alternatives may be. Ensure you discuss both the clinical, social and financial implications of the treatment plan on the patient.

Part B: You will be given more stimulus material and will be asked to reconsider your recommendations for treatment. You must outline what components of the original treatment plans you would not change and what you would revise. Again consider the patient’s clinical, social and financial situation.

### Complex Case Management and Risk Management (CCMRM)

Task 1: Neuromuscular Case Analysis  
– Due 12 months into the Program (25%)

Chose two TMD/OSA cases and write an essay (1000 words) discussing these cases in detail. Ensure you outline each case starting from the new patient interview to the patient’s status at present. Justify your decision making as the cases progresses.

Compare and contrast each case by discussing what improvements you could have made in treatment planning and communicating with the patient. Describe any errors you made or problems you encountered in the earlier case and outline how you addressed those concerns in the more recent case.

Discuss what you would change about the way you treated each patient based on knowledge you have gained since completion of the case. Suggest further improvements for the future in similar cases.

Task 2: Response to Stimulus Case – Diagnosis, Planning, Presentation  
– Due 12 months into the Program (25%)

You will be given stimulus material regarding a Life Time Smiles’ patient. You must “work up” the case and devise a treatment plan for this patient. You must also create a case presentation letter and case presentation power point and present the case formally.

Task 3: Clinical Hands on Assessment – Complex reconstructive case  
-Due in the final six months of the program (50%)

You will treat a patient with multiple morbidities and complex occlusal reconstructive requirements for assessment of clinical capabilities. The patient will have been stabilised in the first eighteen months of the program as indicated by objective measures. The reconstructive case will have been worked up and the treatment plan confirmed during DCTP assessment. The case will be executed under supervision and the outcome evaluated by the director.

### **Professional Communication and Case Presentation (PCCP)**

Task 1: Ongoing Submission of Case Presentations (Formative)  
– Due Friday 10am each week

After “writing up” each case you must forward the case presentation letter and the case presentation power point to the Clinical Director via email each week by 10am on Friday. In this email you must submit all cases you will be presenting the next week. Upon review of your case presentation, you will be contacted by phone or email regarding suggestions or improvements to be made to the case presentation before you present to the patient.

Task 2: Oral Communication and Case Presentation Exam (100%)  
– Oral Examination with the Clinical Director at 12 months.

Prepare a case presentation to present. Ensure you use all diagnostic resources available including photos, x-rays, and study models. You must justify all recommended treatment. Ensure you reflect on past case presentations to indicate where a patient would often ask for clarification and how you go about explaining the treatment plans to patients.

### **Business Management and Profitable Practice (BMPP)**

Task 1: Production Targets Essay (5% Each – 40% Total)  
– Due quarterly over two years (March 31, June 30, Sept 30, Dec 31)

Write a brief summary (500 words) regarding your experiences in reaching your daily production targets. This summary should include a discussion of the challenges you faced in meeting your targets and consider why you were unable to meet your target at times. This summary should be a reflection of your success in treatment planning, new patient flow, daily appointment book management, and management of support staff. Ensure you include a strategy for improving the problem areas. (Competent/Not Yet Competent)

Task 2: Operations Proposal (60% Total)  
- Due on completion of Year two of the Program

Write an essay (up to 2500 words) discussing your experience so far practicing dentistry at Life Time Smiles. You should outline what you see as the strengths and weaknesses of the operating procedures at Life Time Smiles. Ensure you justify your comments. You may write about any aspect of the organisation, but ensure your discussion includes treatment planning, patient care procedures, administrative systems, support staff performance and training, and external clinical courses you have attended. (Competent/Not Yet Competent)

Reconstructive Dentistry Skills Competence (RDSC)  
Task 1: Case Review (25% each 50% total)

Two completed cases are to be presented from initial consultation, through phase I and onto completion of phase II. The case will be reviewed by the director. All diagnostic materials will need to be made available to assess the case including but not limited to photographs, impressions, models, radiographs, cone beam scans, K7 scans, PSG and clinical notes. The patient will also be reviewed in person where the patient will also be questioned about their experiences as they progressed through treatment.

Task 2: Written Paper (50%)

The examination paper is a take home paper requiring completion in four weeks. It consists of 20 multiple choice questions, three essay questions. The pass mark for this final examination is 80%.

## **6. Program Policies and Guidelines**

As in the Employment Contract