

## DNAS1119 - Advanced Functions

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| Credits:           | 5 (2/3/0)  |
| Description:       | This course is designed to provide the student with instruction and practice to perform the clinical competency in the following intra-oral functions approved by the Minnesota Board of Dentistry: taking radiographic exposures, performing mechanical polishing, taking preliminary impressions and bite registrations, applying topical fluoride, placing and removing periodontal dressing, removing excess cement, monitoring nitrous oxide-induced patients, induction of nitrous oxide/oxygen sedation, removing excess bond from orthodontic appliances with rotary instruments and applying pit and fissure sealants. In addition the following intra-oral functions are taught and practiced to laboratory competency: removing sutures, preliminary adaptation of temporary (provisional) crowns, performing selected orthodontic functions, applying bleaching agents and performing approved endodontic procedures.  |
| Prerequisites:     | <ul style="list-style-type: none"> <li>• DNAS1103</li> </ul>   |
| Corequisites:      |  |
| Pre/Corequisites*: |  |
| Competencies:      | <ol style="list-style-type: none"> <li>1. Perform advanced functions according to Minnesota rules/regulation qualifications.</li> <li>2. Demonstrate safe clinical practices.</li> <li>3. Customize oral hygiene instructions (OHI).</li> <li>4. Perform patient mechanical or coronal polish procedures.</li> <li>5. Take alginate impressions to include unilateral and bilateral bite registration on a patient.</li> <li>6. Describe fluoride and its use in dentistry.</li> <li>7. Demonstrate excess cement removal techniques.</li> <li>8. Demonstrate rubber dam placement and removal results.</li> <li>9. Demonstrate temporary and provisional crown removal and adaptation procedure.</li> <li>10. Demonstrate pit and fissure sealant application techniques.</li> <li>11. Demonstrate orthodontic procedures according to Minnesota's delegable duties.</li> <li>12. Demonstrate excess bond removal using hand instruments and rotary instruments according to Minnesota's delegable duties.</li> <li>13. Demonstrate nitrous oxide/oxygen inhalation sedation.</li> <li>14. Customize periodontal dressing placement and removal.</li> <li>15. Demonstrate suture removal techniques on a typodont.</li> <li>16. Describe criteria for drying a root canal.</li> <li>17. Demonstrate use of standard precautions.</li> <li>18. Demonstrate appropriate patient safety techniques.</li> <li>19. Demonstrate appropriate equipment use and maintenance.</li> </ol> |
| MnTC goal areas:   | None   |

\*Can be taking as a Prerequisite or Corequisite.