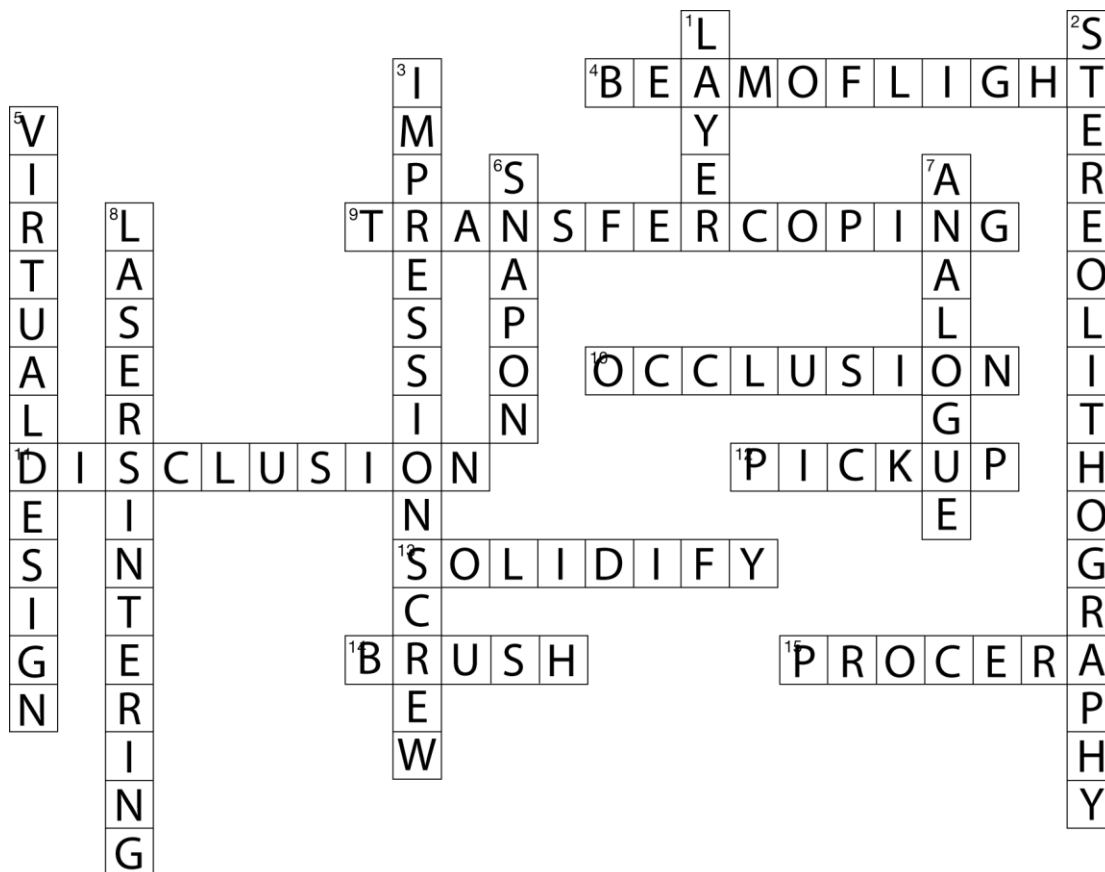


Module 8 – Revision

Vocabulary – p. 183

A. Crosswords.



Communication – p. 184

- B. *Open answer.*
- C. *Open answer.*
- D. *Open answer.*

Topics – p. 184

- E.
1. The required devices are analogues and transfer copings.
 2. Analogues are copies of the implant, reproducing exactly its shape.
 3. Manufacturers consider the specific implant belonging to the dentist.
 4. A snap-on transfer coping transfers its shape into the impression and is inserted again into the impression with the analogue, before casting.
 5. The impression screw is used to attach the pick-up coping to the analogue.
 6. During mastication the food is alternatively pressed between the teeth and recovered by the tongue and mandibular movements.
 7. The risk for back teeth is that they could collide, hitting one another and damaging the whole system.
 8. Front teeth just brush against one another during occlusion.
 9. Front teeth withstand horizontal forces because they have very long roots.
 10. Disclusion does not occur in case of abrasion, loss of front teeth or other reasons.
 11. Manufacturers save money because planning and control can be performed virtually before creating the object.
 12. CAD-CAM techniques are used industrially for the manufacturing of countless objects and have become a common standard also in the dental industry.
 13. Because the first professional systems for CAD-CAM in dentistry were introduced in this period.
 14. CAD-CAM techniques require a scanner, a computer with dedicated software, a milling machine and a sintering furnace.
 15. The 3D printing process is based on addition techniques: a vector design is turned into a number of layers, which are then printed one by one.
 16. Orthodontical systems based on progressive aligners.
 17. Stereolithography is similar to 3D print but the material is polymerized instead of being deposited in layers.
 18. The liquid material is solidified by a beam of light.
 19. Laser sintering is used with metals.
 20. At the end of the process the metal object is inside a block of powder.