DENTSPLY Implants offers comprehensive solutions for all phases of implant dentistry. SYMBIOS® is a full range of quality regenerative solutions including bone-harvesting instrumentation, allograft, xenograft and synthetic bone-graft materials and membrane products. This complete product offering helps to deliver predictable clinical efficacy, biocompatibility, ease of use and safety you can rely on.

Partnering for quality and safety

Partnering with Musculoskeletal Transplant Foundation (MTF) allows us to provide dental allograft solutions of the highest quality. MTF’s industry-leading donor selection criteria standards exceed those set by American Association of Tissue Bank (AATB), FDA and most tissue banks when it comes to screening for cancer, illegal drug use, maximum donor age and a host of other conditions. Their sterility control measures provide for a higher level of safety. All tissue is aseptically processed in ISO 4 (certified) clean rooms, and processes are validated to prevent cross contamination.

The allograft materials you need

As a readily available bone-grafting material, allograft solutions provide a stable framework for regeneration of bone without the morbidity associated with second surgical site. Specific to dental implant treatment, the sufficient quality and quantity of bone play critical roles in the long-term success of treatment outcomes. In many cases, buildup of missing bone before or at implant placement is essential for establishing a sufficiently dimensioned osseous base for predictable

**Fig. 1** Miller Class II recession defect (8 mm) on canine tooth #11. (Photos/Provided by David Wong, DDS)

**Fig. 2** Thick PerioDerm is sutured over the exposed root surface followed by complete coverage. PerioDerm can be placed with either side facing the roots.
Because it’s sometimes a tight squeeze:

Visit us at the AAP booth #916 for more information

The surgical contra-angle handpiece with 45° angle head
The new WS-91 and WS-91 LG high-speed surgical contra-angle handpieces feature a 45° angle head. They allow completely new, considerably better access to hard-to-reach operating areas such as in cases of wisdom tooth extraction or apical resection.

Scan the QR code with your mobile telephone for more information on WS-91 LG

New available from your dental supplier or via wh.com/na
osseointegration and ensured long-term functional and esthetics.

SYMBIOS allograft solutions are available in different tissue forms, including demineralized and mineralized particulate and easy-to-apply putty for full flexibility in meeting the needs of each individual case.

SYMBIOS allograft solutions include:
- SYMBIOS Allograft Particulate: Easy to handle and hydrate, SYMBIOS Allograft particulate integrates with natural bone to assist the body in regenerating its own bone by stabilizing the blood clot, maintaining space and providing osteoconduction and osteoinduction.
  
  Available in a variety of options from mineralized cortical and cancellous powder to demineralized cortical powder, SYMBIOS allograft particulates can be used for a wide number of indications including extraction sockets, bone augmentation, periodontal defects and sinus lifts.
  
  - Safe; 100 percent bone particulate
  - Easy to handle
  - Three-year shelf life
  - Convenient, ambient temperature storage

- SYMBIOS DBX® Putty Demineralized Bone Matrix: With 93 percent by volume for the highest demineralized bone content available, SYMBIOS DBX Putty offers exceptional handling characteristics when compared to other DBM products. The high molecular weight of the sodium hyalurate carrier means the material maintains its physical integrity and resists movement under irrigation

  - SYMBIOS PerioDerm Acellular Dermis: For predictability in replacing, repairing and reinforcement of damaged and/or inadequate soft tissue, PerioDerm® Acellular Dermis has been shown to support the migration of host cells from wound margins and surrounding tissues. Benefits include:
    
    - Quick rehydration (three–five minutes)
    - Freeze-dried (no refrigeration required)
    - More than 90 percent thickness consistency for uniform revascularization
    - No cross-linking or compromise of the integrity of the dermal matrix

Planning for success

Whatever the clinical need and your preference for autograft, allograft, xenograft or synthetic regenerative solution, DENTSPLY recommends you choose SYMBIOS.

For more information on SYMBIOS or other DENTSPLY Implants solutions and services, please visit www.dentsplyimplants.com.

Fig. 3. One-year follow-up.

‘Specific to dental implant treatment, the sufficient quality and quantity of bone play critical roles in the long-term success of treatment outcomes.’