BMT Study
Child survivors of bone marrow transplantation (BMT) who underwent the procedure before their teeth were mature tend to exhibit increased root stunting after the procedure.

Results of the study by St. Jude Children’s Research are reported in the October issue (vol. 8, 2005) of Bone Marrow Transplant. The researchers reviewed the medical records and radiographs of patients who underwent BMT between 1990 and 2000. As more children survive after BMT treatment, its long-term effects will also increase and the survivors might require specialized care in the future.

Fluoride Varnish
Researchers at the University of California, San Francisco School of Dentistry reported in the February issue of the Journal of Dental Research that a combination of fluoride varnish for children and parental dental health counseling reduces the rate of early childhood tooth decay. Cavity-free infants and young children were broken up into three groups of those receiving varnish twice a year, varnish once a year, or no varnish at all. The “no varnish” group was twice as likely to develop tooth decay as the “annual varnish” group and four times as likely compared to the “bi-annual varnish” group.

Ireland’s Gum Tax
Ireland has resolved a sticky dispute by forgoing a tax on chewing gum after the industry agreed to contribute 7 million Euros on a research program there that is held in trust for membership.

In addition to dental malpractice indemnity, Dental Protection also provides general advice 24-hours a day. There is a team of 50 dentists and legal advisers and an international network of lawyers available to defend members against legal challenges arising from the practice of dentistry; including the payment of compensation to patients who may have suffered as a result of negligent dental treatment provided by a member.

They try to prevent problems from arising by providing educational material and risk management training. If things do go wrong, then they protect the professional reputation and integrity of dentists and other members of the dental team by supporting them with the financial cost of any complaints and claims brought against them. This is made possible by a fund of over 1 billion US dollars that is held in trust for membership.

Licorice Root Compounds
Licorice has been an important herb in Chinese medicine for centuries and is now being rediscovered by Western medicine as a rich source of potentially beneficial compounds. In addition to being used as flavoring and sweetening agents in candy, tobaccos and beverages, compounds derived from licorice root have been shown to help fight inflammation, viruses, ulcers and even cancer.

More studies are needed before it is proven that the compounds effectively fight cavities in humans, says Omg.Y. Lu, Ph.D., a chemist at UCLA’s School of Medicine, and Wenyuan Shi, Ph.D., a microbiologist at UCLA’s School of Dentistry.

If future studies show promise, the licorice compounds could eventually be used as cavity-fighting components in mouthwash or toothpaste, they say.
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Reporting on four new CBCT
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Journal of Orthodontics are J. Martin
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Current available CBCT scans-
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Medical Corporation, also from Japan.

What are the benefits of this new technology and their applications to orthodontics? The researchers report:

• The technology generates a wide
range of images of the head, teeth
and airways in under one minute,
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