Upcoming Study: Adult Anterior Open Bite

Patients with anterior open bite (AOB) are among the most challenging for orthodontists to successfully treat and retain. Almost all our research on AOB comes from retrospective case series. This type of evidence has a high potential for bias, therefore, better information on AOB treatment and stability is a priority. A future study is being developed, by the National Dental Practice-Based Research Network (National Dental PBRN), with the goal of assessing the effectiveness and stability of contemporary strategies for managing AOB malocclusions in adults.

Anticipated Launch Date: Fall 2015

Study description:
- A 3.5 year prospective cohort study of approximately 840 patients from 210 providers
- Will include the spectrum of orthodontic therapies including: extractions, TADs, and surgery
- Limited to adult patients to eliminate the influence of growth on treatment outcomes
- Patients recruited during active treatment to minimize selection bias
- One year follow-up to allow assessment of stability
- Practitioners and patients will be compensated for their time

Study objectives:
- Assess the overall success and stability of orthodontic treatment for adult AOB patients, and where possible, to report the success and stability for various types of treatment
- Identify patient and practitioner factors that may influence treatment recommendations and the acceptance of treatment recommendations
- Identify treatment and retention factors, patient and practitioner characteristics that influence treatment success and stability, as well as patient satisfaction

What do you need to do to participate in any National Dental PBRN study?
- Enroll in the National Dental PBRN: http://www.nationaldentalpbrn.org
- Complete online training on Human Subjects Research, HIPAA (CDE credit may be available)
- Sign up to participate in the study by contacting your regional coordinator (see handout)

Additional Questions?
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