



# The Nation's Network

Improving the nation's oral health by improving the knowledge base for clinical decision-making and moving the latest evidence into routine care.



## Network News

### Quick Poll

#### Recently moved? New contact information

Exciting things are happening in The Network. You can now update your information on our Enrollment Questionnaire [website!](#)

#### Join our Mailing List

Visit our website at [NationalDentalPBRN.org](http://NationalDentalPBRN.org)

## Network News



### COVID-19 Webinar

May 21, 2021  
Still time to register

We will have a 1-hour virtual meeting to discuss findings from the COVID-19 studies done through the Network. The meeting will be held virtually via Zoom on 05/21/2021 at 12 noon CT. The first 30 minutes will be Lightning talks (pre-recorded 5-minute presentations) by the COVID-19 study Principal Investigators. [Read more...](#)

### Quick Poll Results



### Ectodermal Dysplasia

In a dental context, ectodermal dysplasia is a complex disorder characterized by abnormal development of embryonic ectodermally-derived teeth. We recently conducted a Quick Poll to assess dental practitioners' familiarity and confidence in treating the dental manifestations of ectodermal dysplasia. [Read more...](#)



### Light Curing

The light-curing unit (LCU) has become an essential piece of equipment in the dental office. In most countries, the LCU is classified as a medical device, which means it must be tested and approved before it can be used on patients<sup>1</sup>. Dental curing lights emit large quantities of blue

light between 430 and 460 nanometers. This covers the range of wavelengths shown to be most damaging to the retina<sup>2</sup>. Therefore, it is important for dental personnel to utilize appropriate eye protection when using these devices<sup>3, 4</sup>. [Read more...](#)



## [All Ceramic](#)

Surface conditioning strategies are available to greatly improve the bonding of all-ceramic restorations [1, 2, 3]. However, for situations such as delamination, unrepairable fracture of the veneer ceramic, recurrent caries, or esthetic failure, the restoration debonding/removal techniques can be time-consuming, destructive, and uncomfortable. Also, when zirconia-based restorations are to be removed, clinicians may struggle to use a reliable method [4]. [Read more...](#)

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## Member Spotlight



### [Dr. Soumya Padala](#)

My name is Soumya Padala and I am an attending Craniofacial Orthodontist collaborating with teams at Rush Medical University, University of Chicago and Advocate Medical Group in the Chicagoland area. Providing orthodontic care to patients with craniofacial anomalies is extremely challenging due to associated medical conditions. [Read more...](#)