Our ethos is heavily based around the importance of our customer experience. We had taken up the responsibility to care about your journey, from your first interaction to becoming a part of DR family.

Today, DR publishes in 10 international languages across the full spectrum of dental specialities, and its journals can be found across the globe digitally.

Via several channels, we encourage social interaction and communication whether it be by personally speaking to a member, or tweeting us directly. We are here to serve you better.
A twinkle and a smile for bright futures-
Children’s day dental camp

On the occasion of Children’s Day, we have taken up the responsibility to promote awareness regarding child’s oral health, especially in mixed dentition.

These children really need us and I believe this is our duty to make them a better future.
ONE OF A KIND
INNOVATIVE DENTAL MAGAZINE

Training Your Brain So That You Don’t Need Reading Glasses!

Now you can listen to our articles in English and read in 10 international languages. Don’t just like it, share it.

Made with ♥ for Dentists by Dentists!
1. Letter from the editor
2. Reader voices
4. World Diabetic Day—Will Re-classification Improve Treatment?
5. Dental Negligence—Legal Provisions Under the Law
6. Managing space in a 5 Èyears old patient: A case report.
7. Editor’s Pick—How delays interfere with your dental practice?
8. Saliva—an important factor for successful prosthesis
9. Time killer—Let’s Play Crossword Puzzle!
10. Management of HIV
11. Dental Microscopes Year-End Review & Interview.
WINTER GOODBYES

Goodbyes mean different things for different people. It may be a sigh of relief and it maybe a sign of remorse. But what's certain in every goodbye is confusion and curiosity of - what next? It's difficult to leave a comfort cushion and venture into an unknown territory. Quite often it's a mandatory step to be taken!

As we compulsorily bid goodbye to this year, let's see what the last issue of DR 2019 has in store for you – on one condition – switch on your imagination mode and envision all the situations I place in front of you!

Read more
THANKS A MILLION

READER VOICES

GOT SOMETHING TO SHARE?

LET YOUR VOICE BE HEARD!

Contributors of the month
Dr. Zainab Kasid
Dr. Maryam Kazman
Dr. Dhrupad Mathur

Crossword puzzle winner
Dr. Tanuja Rao

Top Follower: @user123

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THANKS A MILLION
Imagine you enter a dental clinic to find out the operating dentist is a robot.

Yes. It is possible!

Dental robotics now ranges from patient robots to robots being used in endodontics, oral surgery, implantology, prosthodontics & orthodontics. Say hello to this next generation technology!
Will Re-classification Improve Treatment?

There is a long way to go!

According to the International Diabetes Federation, the future predictions by 2045, the number of diabetes cases in South Asia will increase to 151 million compared to present 82 million. An estimation of 98% of Type II diabetes cases alone will be encountered in India by 2030.
Dental Negligence - Legal Provisions Under Law (Part 2)

You may be giving the best of treatments... & you may still land up in prison.

There may be unintentional circumstances where dentists land up in unfortunate situations. Be a vigilant civilian - know your law & your rights.
LOOK HERE
That one more pair of eyes that could have seen your ad.

For more information on advertising with DentalReach
contact us at: rockson@dentalreach.co
Some spaces in dentition are crucial, even in a child.

Treat with long term beneficial effects. Managing spaces early can prevent malocclusion later.
Editor’s pick

How delays interfere with your dental practice?

Read more
SALIVA
an important factor for successful PROSTHESIS

A Prostho patient with the right saliva is a true blessing!
But if not, we have the power to turn it into one!
Read more about how this ignored body fluid is crucial for oral health & prosthetic function.
Let's Play Crossword Puzzle!

THE CHEMISTRY OF DENTISTRY

Chemistry plays a number of roles in dentistry, from helping prevent cavities to whitening teeth. Here we examine the molecules behind tooth decay and those used to block or treat it.

TOOTH DECAY

- **BACTERIA**

- **PROTEIN**:
  - $\text{H}_2\text{C} \cdot \text{CO} \cdot \text{OH}$
  - $\text{H}_3\text{C} \cdot \text{CO} \cdot \text{OH}$

- **ACIDS**

Toothpastes containing fluoride—often in the form of sodium fluoride or tin(II) fluoride—can help prevent tooth decay. Fluoride ions convert hydroxyapatite in enamel to fluorapatite, which is more resistant to acids.

FLUORIDE VERSUS TOOTH DECAY

- **HYDROXYPATITE**
  - $\text{Ca}_10(\text{PO}_4)_6(\text{OH})_2$ (in enamel)

- **FLUORAPATITE**
  - $\text{Ca}_10(\text{PO}_4)_6(F)_{1.4}$ (in fluorapatite)

FILLINGS AND COMPOSITES

- **NICKEL-TUNGSTEN**
  - $\text{Ni}$
  - $\text{W}$

- **LITHIUM**
  - $\text{Li}$

- **TITANIUM**
  - $\text{Ti}$

- **ZIRCONIUM**
  - $\text{Zr}$

- **CHROMIUM**
  - $\text{Cr}$

- **GERMANIUM**
  - $\text{Ge}$

- **SILICON**
  - $\text{Si}$

- **PHOSPHORUS**
  - $\text{P}$

- **ARSENIC**
  - $\text{As}$

- **ZINC**
  - $\text{Zn}$

- **ALUMINUM**
  - $\text{Al}$

- **CADMIUM**
  - $\text{Cd}$

- **MERCURY**
  - $\text{Hg}$

- **COPPER**
  - $\text{Cu}$

- **LEAD**
  - $\text{Pb}$

- **SILVER**
  - $\text{Ag}$

- **TIN**
  - $\text{Sn}$

- **IODINE**
  - $\text{I}$

- **BISMUTH**
  - $\text{Bi}$

Dentists have used amalgam to fill cavities, but it has become less popular because of environmental concerns. Now they use composite resins. The most common is Bis-GMA, formed from bisphenol A (BPA) and glycidyl methacrylate (GMA), which polymerizes under ultraviolet light.

TEETH WHITENING

- **CARBAMIDE PEROXIDE**
  - A combination of urea (left) and hydrogen peroxide (right)

- **HYDROGEN PEROXIDE**
  - A solution of 10% hydrogen peroxide is roughly equivalent to a 3% hydrogen peroxide solution.

Tooth whiteners remove surface stains from teeth. Toothpastes with wood whitening agents such as silica or alumina. Dentists often use hydrogen peroxide or bleaching agents, such as carbamide peroxide, that break down into hydrogen peroxide.

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Last month’s answer:

- **Human papilloma**
- **Hybrid layer**
- **Hybrid layer Pits**
- **Alginates**
- **miRNA**

Current month’s answer:

- **Articulator**
- **Agar**
- **Canine**
- **Metronidazole**
- **EDTA**
Why do some HIV patients progress to AIDS while some do not?

“Why do some HIV patients progress to AIDS while some do not?

It’s time we learn about FDA-approved HIV drugs, anti-retroviral therapies and the correct way to use them.

Find answers to why some respond to therapy and some don’t.
DENTAL EVENTS

Pragati Maidan, New Delhi, India
21st, 22nd & 23rd December 2019
Hall No : 8, 9, 10, 11, 12 & 12A
Dental Microscopes Year-End Review

So, you have decided to be updated and purchase your first dental surgical microscope.

There are enough offers in the dental market, with a wide price range. What should you look for when choosing an operating microscope?

Dr Sunil Rao shares his deep insights on microscopes in clinical practice along with a mega review on top dental microscopes offered in markets today.
Got some knowledge to drop about Dentistry?

Let’s hear it!
Submit your content to: nupur@dentalreach.co
Feel like you’re missing something

We love being social!