

LETTER OF UNDERSTANDING

WHEREAS "DA Pandu Memorial RV Dental College", (First Party) & "Nobel Biocare India Pvt. Ltd" (Second Party), wishes to establish a vibrant Industry – Interaction cell, with an objective to nurture Higher Learning professionals fully prepared to meet industrial requirements by the time they complete their degree, and are in principle willing to establish an understanding, where both the above shall work together in number of ways with the objective of nurturing industry ready professionals to meet greater technology challenges. The Parties enter the following **Letter of Understanding (LOU)**.

Terms and Termination

The effective date of this LOU is the 14th of Sept. 2021. This LOU shall be valid for a period of 18 months from the Effective Date. Thereafter the parties may mutually agree to extend this LOU in writing if needed.

Either party may terminate this LOU with thirty (30) days prior written notice to the other party.

Either Party may terminate this LOU upon thirty (30) days prior written notice to the other party for breach of any material provision of this LOU and where there is failure to correct such breach within the said notice period.

Confidentially and IPR

All commercial, process product and design information specific to First Party & Second Party, shall be kept confidential.

Governing Law

This LOU shall be governed and construed in accordance with the laws of Republic of India.

Dispute

Disputes, if any, arising out of or in connection with this LOU will be mutually discussed and settled without any obligation on either party.

Compliance with Laws

Both parties specifically represent and warrant that the parties will compliance with all applicable laws including the U.S. Foreign Corrupt Practices Act of 1977, as amended (the "FCPA"), and the


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P & DA R.V. Dental College,
A - Nagar I Phase,
Bangalore - 560 078.

U.K. Bribery Act and that the parties will take no action or omit to take action that will cause either Party to violate these laws.

First Party acknowledges and confirms that Second Party's support for the educational program under this LOU is not an unlawful inducement or quid pro quo to purchase, lease, recommend, use, arrange for the purchase or lease of, or prescribe a product of Second Party.

Violation of this clause will entitle Second Party to terminate this LOU and Second Party shall not be liable to First Party for any related claim, losses, or damages.

Non-Binding

Except for Clauses above, this LOU and the Appendix hereto are not intended to, and do not constitute or create, an offer by, or a binding obligation or agreement of, either Party and no Party or any Representative of either Party will have any liability with respect hereto. The provisions of this LOU will be subject to and superseded by the final, definitive terms of the Agreements.

SCOPE OF THE PROPOSED EDUCATION PROGRAM

In consideration of the academic and educational purposes of First Party, Second Party agrees to provide training and educational supports to First Party of Ormco products. Such education program will include but not be limited to the following. Please refer to **Appendix** for more details.


a. ADVANCE SKILL TRAINING & RESEARCH AREA:

Each of Clinical or Research module format and the relevant training chapters in Appendix includes teaching of theoretical and clinical aspects of the technique, treatment planning, torque selection and bonding and all the training modules, chapters and speakers delivering the training shall be reviewed and agreed by First Party before take place.

The HOD / Faculty of First Party is responsible to define the scope or mix of the products / techniques best suited to their students under above education module programs.

b. PURPOSE:

The educational training course will help to enhance & acquire practical skills needed for advancement in a professional orthodontic career.


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c. REPORTING & CONTROLLING:

All the activities under this LOU should be in line with ethical committee guidelines of the institution, and the faculty of First Party reserves the right in treatment decisions.

The Department will be in direct contact with Ormco University Business Manager Mr. Vaibhaw Apte (+91-9820310436, Vaibhaw.apte@ormco.com)

d. CERTIFICATION:

At the end of each successful module, the First Party shall solely decide whether to conclude each Clinical or Research program with **certification** (On basis that participants has attended all modules / chapters and completed the cases stated in the modules/ chapters).

e. This LOU shall be executed in two (2) copies. Each of the Parties shall hold one (1) copy.

f. In witness thereof, the parties have caused this LOU to be signed in their respective names as of the date first mentioned above.

Accepted by: (First Party)

Accepted by: (Second Party)

**DA Pandu Memorial RV Dental College
Bangalore**

**Nobel Biocare India Pvt. Ltd.
Mumbai.**



Principal

Name: Mr Sachin Gharat

D.A.P.M.R.V. Dental College
J.P. Nagar I Phase, Bangalore -560 078.

Title: _____

Title: Sales Head, Ormco India & SA

Date: _____

Date: 16/9/2021

WITNESSES: -

1.



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2.

APPENDIX I

1. Topic of the Module:

Damon System - A Passive Self Ligation Bracket System inc. Advance Sync 2

2. Speaker: Dr. C. S. Ramchandra

The qualification and practicing experience was provided to First Party and the selection of the speaker is approved by First Party.

3. Educational Format: 3 Module format within 15 - 18 Months.

4. Total Time Duration: -

The speaker will deliver lecture followed by live bonding, review of bonded cases, question & answer session. Each module will be a day program (3+ hours) and subsequent module after about 5 – 6 Months gap for over 15 to 18 months.

5. Resources: Each party has agreed to commit resources to the education program under this LOU.

First Party hereby agrees to

- (a) Prepare the armamentarium, training materials.
- (b) As a part of UEP Program the each PG should do 1 case with Damon System per module.
- (c) Send training invitations to the participants, PG's, Faculty members;
- (d) Get ready of the training room, Internet Connections, Lab, conference room and other training facilities;
- (e) Coordinate the training on-site.

Second Party hereby agrees to

- (a) Cover the speaker's honoraria and travel expenses if any as per the schedule of the training sessions.

6. Protocol by Dr Dwight Damon under Module format.



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A comprehensive breakdown of Damon System training program in 3 modules:

Each candidate needs to be a postgraduate student in a dental college recognized by Dental Council of India or having a master's degree in orthodontics from a recognized college / university.

Module 1 –

- Introduction to Damon System- A Passive Self Ligation Bracket System
- Definition
- Types of SLBs & their Merits/ Claims
- Philosophy & Tenets of SLB
- Damon System and its Pillars- Brackets, High-tech wires & Philosophy
- Biomechanics & Anchorage control in Damon system- During Leveling & aligning, Retraction
- Expansion v/s Transverse Arch Development


Live cases to be started by the course director / Faculty in charge with Damon System.

The faculty contact IN-charge will undertake the exercises as directed by Speaker to be performed after webinar or on WhatsApp group case discussion.

Module 2 –

Cases started must be followed, reviewed & uploaded on to the PPT format for each patient, once in 4 - 6 weeks. Case follow-up, discussion, Q&A.

- Disarticulation and Damon System. Use of Push Coil springs with Damon system.
- Presentation of treated Cases to highlight the efficacy of Damon system
- Treatment planning and treatment strategies in selected case records of patients.
- Typodont work exercise to demonstrate bonding & bracket positioning, Wire placement and wire sequence.
- Bracket repositioning requirements.
- Introduction to 'variable Torque' prescription and the logic behind
- Changing of arch wires
- Application of early elastics.
- Repositioning of bite turbo.
- Check the effectiveness of the system and if needed modify treatment strategies.


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Module 3 -

- Diagnosis and treatment planning in moderate to severe malocclusion cases and to discuss the utility of variable torque brackets in such cases.
- Management of Class II malocclusion cases with Damon system
- Placement of anterior bite turbo in class II cases
- Application of early elastics.
- Biomechanics & Anchorage considerations in class II malocclusions.
- Introduction to Advansync-2 for class II correction as an adjunct.
- Live demonstration on couple of full case to be started by the course director with Damon System.

Note: Orthodontic treatment is a long-drawn process and one has to be a keen observer to be able to read the changes taking place in position of teeth in response to the orthodontic appliance. The response to the appliance may vary from patient to patient. To have a cookbook approach would be difficult but following standard procedural protocols would be sensible.



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2. For the clinical use of Self Ligating brackets by Students the department has a MOU with Nobel Biocare India Pvt.Ltd. where they are providing subsidized cost for bracket kits and theoretical training from speakers who are expertise in treating patients using Damon Brackets

UNIVERSITY EDUCATION PROGRAMME PROPOSAL- 2021

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Signature of HOD



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Bangalore - 560 078.

Sudhir



D.A. PANDU MEMORIAL R.V. DENTAL COLLEGE
J.P. NAGAR, BANGALORE - 78.

DAPMRVDC/ 602 / 2021-22

DATE. 15.11.2021



To,

The Hon. Secretary
R S S Trust
Jayanagar
BANGALORE - 11.

Dear Sir,

Sub: - Patent Award

I am, happy to inform you that, A Patent Certificate has been awarded to Dr. Sudhir and Dr. Ananthraj department of Pedodontia for the 'Portable pressure regulator pump' used for the oral health program, this is the first patent awarded to the institution. I enclosed herewith copy of the patent certificate.

Thanking you,

1) Convey Congrats
2) For GCs
3) For Board Info
A) Principal :- Do speak to me

Yours faithfully,

[Signature]
PRINCIPAL



[Signature]
Principal

D.A.P.M.R.V. Dental College,
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Bangalore - 560 078.



1951/21-22
18/11/21

From Dr.A.Anantharaj

Prof and Head,

Department of Pediatric Dentistry,

DAPM RV dental College,

Bangalore 78

To

The Principal,

DAPM RV Dental College,

Bangalore 78

Dear Madam,

We are happy to inform that we have received final orders for the grant of Patent for the "Portable pressure regulator pump", which we have developed for our School oral health program.

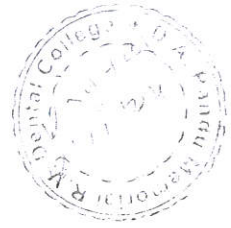
I have enclosed the copy of the awarded Patent certificate for the needful.

Thanking You,

Yours sincerely,


(Dr.A.Anantharaj)

13/11/2021




Principal

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उपदर्शन/GEOGRAPHICAL INDICATIONS



**भारत सरकार
GOVERNMENT OF INDIA**

एकसूत्र कार्यालय / THE PATENT OFFICE
बौद्धिक सम्पदा भवन / I.P.O. BUILDING
जी.एस.टी. रोड, गिन्दी / G.S.T. Road, Guindy,
चेन्नई / Chennai- 600032
दूरभाष / Tel. No. : (091)(044)22502081-84
फैक्स / Fax: 044 22502066

Email/ई मेल : Chennai.patent@nic.in
वेबसाइट / Website: <http://ipindia.nic.in>

सं. \ No. 201741032361

दिनांक \ Dated the 01/11/2021

सेवा में, \ To :

Address of Service:- 201, 2ND FLOOR, RV DENTAL COLLEGE STAFF QUARTERS, RV DENTAL COLLEGE CAMPUS, JP NAGAR, 1 PHASE,
BANGALORE 560078. drsudhir20@gmail.com
Email Id:- drsudhir20@gmail.com

विषय :- पेटेंट आवेदन संख्या 201741032361 के संबंध में अधिनियम की धारा 43 के तहत पेटेंट अनुदान तथा पेटेंट रजिस्टर में प्रविष्टि की सूचना
Sub :- Intimation of the grant and recordal of patent under section 43 of the Act in respect of patent application no. 201741032361

महोदय/महोदया,
Sir/Madam,

आपको सूचित किया जाता है कि पेटेंट अधिनियम, 1970 की धारा 12 व 13 तथा उस आधार पर बने नियम के तहत उपर्युक्त पेटेंट आवेदन के परीक्षण [व ----- को हुई सुनवाई] के उपरान्त एतद्वारा पेटेंट अनुदान किया जाता है। तथा पेटेंट अनुदान की प्रविष्टि 01/11/2021 को पेटेंट रजिस्टर में कर दी गयी है।

This is to Inform you that following the examination of above mentioned patent application under section 12 and 13 of The Patents Act, 1970 and Rules made thereunder [and hearing held on -----] a patent is hereby granted and recorded in the Register of Patents on the 01/11/2021. The Patent Certificate is enclosed herewith.

पेटेंट संख्या \ Patent No	: 381096
आवेदक का नाम \ Name Of Applicant	: 1.Dr.SUDHIR R 2.Dr. A.ANANTHARAJ
पेटेंट दिनांक \ Date of Patent	: 13/09/2017
पूर्विका तिथि \ Priority Date	: 13/09/2017
परीक्षण हेतु अनुरोध दाखिल करने की तिथि \ Filing date of Request for examination	: 13/09/2017
शीर्षक \ Title	: PORTABLE PRESSURE REGULATOR PUMP
दावों की संख्या \ Number of claims	: Apparatus claims 1-9, , filed on 14/10/2020, in view of FER are hereby Granted

उपर्युक्त पेटेंट के अनुदान का प्रकाशन अधिनियम की धारा 43 के तहत पेटेंट कार्यालय के आधिकारिक जर्नल में किया जाएगा।
The grant of above mentioned patent will be published in the Official Journal of the patent Office under section 43 of the Act.

पेटेंट अधिनियम 1970 तथा संशोधित पेटेंट (संशोधन) नियम, 2005/ पेटेंट नियम, 2003 तथा संशोधित पेटेंट (संशोधन) नियम, 2016 की धारा 142 की उप-धारा (4) के प्रावधानों के तहत उपरोक्त प्रविष्टि की तिथि से 3 माह के भीतर इस कार्यालय में नवीकरण शुल्क जमा किया जाना चाहिए।
The payment of renewal fee is required to be made at this office within three(3) months from the aforesaid date of recording according to the proviso in sub-section(4) of Section 142 of The Patents Act,1970, as amended by The Patents (Amendment) Act, 2005 / The Patents Rules, 2003 as amended by The Patents (Amendment) Rules, 2016.

C Naveen Andrew
(नियंत्रक पेटेंट)
Controller of Patents

टिप्पणी / Note :

1. संशोधित नवीकरण शुल्क हेतु कृपया महानियंत्रक पेटेंट, अभिकल्प एवं व्यापार चिह्न की आधिकारिक वेबसाइट www.ipindia.gov.in पर उपलब्ध पेटेंट (संशोधन) नियम 2016 की प्रथम अनुसूची (शुल्क) देखें।

For revised renewal fees kindly refer to the First Schedule (fees) of The Patents (Amendment) Rules 2016 available on the official website of Controller General of Patents, Designs and Trade Marks www.ipindia.gov.in

2. कार्यालय द्वारा पेटेंट प्रमाणपत्र की कोई भी कागजी प्रति अलग से जारी नहीं की जाएगी।

No hard copy of Patent Certificate shall be issued separately by the office.

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सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

क्रमांक : 044135398
SL No :



पेटेंट सं. / Patent No. : 381096
आवेदन सं. / Application No. : 201741032361
फाइल करने की तारीख / Date of Filing : 13/09/2017
पेटेंटी / Patentee : 1.Dr.SUDHIR .R 2.Dr. A.ANANTHARAJ

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित PORTABLE PRESSURE REGULATOR PUMP नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 13th day of September 2017 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled PORTABLE PRESSURE REGULATOR PUMP as disclosed in the above mentioned application for the term of 20 years from the 13th day of September 2017 in accordance with the provisions of the Patents Act,1970.



अनुदान की तारीख : 01/11/2021
Date of Grant :

Sudhir
Principal
D.A.P.M.R.V. Dental College
J.P. Nagar I Phase,
Bangalore - 560 078.

[Signature]
पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 13th day of September 2019 को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 13th day of September 2019 and on the same day in every year thereafter.