



Participate in the 2018 Dentsply Sirona  
Asia SCADA

The Student Competition for Advancing  
Dental Research and Its Application.

**A Student's guide**

## What is SCADA?

SCADA – the Student Competition for Advancing Dental Research and its Application – is a global student competition, aimed at engaging the next generation of dental professionals in the discovery and advancement of dental research, and the improvement of oral health worldwide.

The competition was founded in 1959 with the aim to help students discover research, advance themselves, and find inspiring ways to improve dental care – and continues in this spirit today.

### SCADA Goals

Engage students to **Discover** the importance and power of dental research

Provide opportunities for students to **Advance** their research skills and careers

**Inspire** students to look for new ways to have a positive impact on dental care and oral health



## Competition structure

Today, SCADA has grown to become globally recognized – engaging with students in more than 30 countries, with more than 6,000 participants over the years.

The competition operates at local, national, and global levels, and gives pre-doctoral students the opportunity to discover the power of dental research, while providing a platform for them to present their findings to dental students and professionals from around the world – helping to advance themselves and dental research in the process.

Locally appointed advisors provide students with guidance and support to help them get the most out of their SCADA experience.

### Local

Local engagement through dental associations and schools gives students the chance to submit research within two categories: Basic Science, and Translational and Clinical Research.

### National

National Competitions are co-hosted by leading dental professional and research organizations, and provide a platform for students who are selected through their local institution to present their research at a national/regional level – and compete for a sponsored trip to the Global SCADA Awards.

### Global

The Global SCADA Awards bring exemplary students together to present their research at the American Association of Dental Research annual meeting, along with top-performing students from around the world, to share experience, and build a network that will support them throughout their careers.

## Why you should present a research poster

The award winning SCADA program (formerly known as Student Clinician Program) offers substantial benefits not only to your school, but to you and to the profession as a whole. We urge you to accept the challenge and opportunity of participating in research and presenting your findings at your school to your faculty and peers.

The knowledge you gain from conducting research and the thinking you do on behalf of your chosen profession offers the greatest rewards from participating in research. You will work more closely with faculty and colleagues as you communicate your ideas.

In Asia, the SCADA program is conducted annually in conjunction with the assistance and approval of the Southeast Asian Division of the International Association for Dental Research, IADR-SEA.

The finalist from each of the six participating countries will receive an expense paid trip to the annual IADR-SEA meeting, where the regional competition is held. The winner of the regional competition will receive a US \$500 award from IADR and the chance to represent our region in a research competition held during the American Association for Dental Research's Annual Session in Vancouver, BC, Canada from June 19 - 22, 2019. Second and third awards are of US \$500 and US \$250 respectively from IADR.

In 2018, the regional **SCADA Program**  
will be conducted at the  
**32<sup>nd</sup> IADR and 29<sup>th</sup> SEAADE**  
in Da Nang,  
from **11 - 14 September, 2018**  
(<http://iadr-seaade2018.com>).



## Eligibility

The participating student clinician must be an [undergraduate dental student](#) at the time of his or her presentation during the national competition. If the national competition winner is a final year student, he or she will still be eligible to compete during the regional IADR-SEA SCADA Program as a first year graduate dentist.

Two or more students may develop table clinics but only one student from each school is eligible to present their table clinic for judging and to receive financial support from Dentsply Sirona Asia.

## Invitation to participate

The SCADA Program in Asia (in cooperation with IADR - SEA) is open to the following 6 countries:

Hong Kong  
Singapore  
Malaysia  
Indonesia  
The Philippines  
Vietnam

The initial letter of invitation to participate in the SCADA Program will be sent by Dentsply Sirona's local country office to the dean of each school. The dean will indicate whether or not the school will participate and name the faculty advisor(s) to whom future correspondence should be directed.

If appropriate, each country must conduct a statewide or national competition to select the student to represent its country. Hence each country should nominate a faculty person to be the person responsible for the program in that country. The nominated faculty person will be contacted by their local Dentsply Sirona country office and informed of the date, venue and time of the national competition, plus any additional assistance that can be provided from Dentsply Sirona.

The name of the final student selected to represent his or her country, the title of the presentation as well as the abstract should be forwarded to the local Dentsply Sirona country office who will then forward this information to Dentsply Sirona Asia.

## Research topics

Research Topics must correspond to one of these two categories:

### [CATEGORY I: Clinical Science / Public Health Research](#)

Clinical Science / Public Health Research presentations will demonstrate clinical research in various prosthodontic, endodontic, periodontics, surgical or diagnostic procedures, or they may evaluate clinical techniques, materials or devices directly related to oral health care. This category also includes educational research, epidemiology, public health and/or public policy research.

### [CATEGORY II: Basic and Translational Science Research](#)

Basic Science Research presentations are usually hypothesis driven projects involving some aspect of basic sciences. Research in this category may address a technique or method involving a biological or physical science.

## Regulations

1. Each table clinic must be presented by one student only during closed judging. For the open presentation, other students who assisted in producing the table clinic may be present to assist.

2. Each student must submit the application form with an abstract of their clinics not exceeding 250 words in the following format:

- a. Title
- b. Objectives – Background of the study is basically not required or should be kept very concise. Please clearly state the objective(s) of the investigation.
- c. Methods – Methods used, key outcome variables and data analysis method. .
- d. Results – Please report essential results, including data and statistics (where appropriate)
- e. Conclusions – Recommendation is basically not required or should be kept very concise

3. Students must remain at the table at all times during the judging session.

4. The Poster should be designed in vertical layout, and its width should not exceed 0.9m and the height should not exceed 1.2m.

5. All displays, including charts, models projector and screen, etc., must be confined to the table top. Signs hanging down from the table toward the floor will not be permitted. The table measures 2ft. x 6 ft. and is 42 inches high.

6. Displays must not extend more than 1 meter (39.37 inches) above the table top.

7. Table covers, other than that provided by the meeting organizer will not be permitted.

8. The oral presentation for each demonstration should be no longer than 7-10 minutes in length.

9. The name of the student's school or the name of any other school must not be visible on the exhibit or on any material during the judging session.

10. Substitution of clinicians or significant changes in the title of clinics from that listed in the official program is not permitted.

11. Amplified sound devices, heavy office equipment, patients or live models cannot be used. Sound reproducing devices with individual earphones may be used. Videocassette recorders and monitors and computer terminals may be used at the student clinician's expense and only if these do not visually or audibly interfere with other clinics and only if this equipment fits on the table top. The materials shown (video- tape or computer program) must have been developed by the student clinician.

12. If printed materials is to be handed out, it is strongly recommended that it be only a one-page synopsis of the table clinic. The copy of the material must be at the clinic during judging and should not have the name of the student or the school anywhere on the material.

13. No advertising material may be distributed nor does any material shown which in any way resemble a commercial promotional effort. Drugs and products mentioned in the presentation generally should be identified by chemical formulas or by generic name. No trade names (brand or company) may be used for identification or other purposes in the table clinic during the judging. Only generic identifiers are acceptable. As an example, products might be identified as "Product A", "Product B", "Product C", etc. It is appropriate, however, to identify characteristics of products. For example: "Product A" is a glass-filled resin catalyzed by visible light. Commercial promotion of a product or service by trade name is absolutely prohibited. It is permissible to use trade names (brand or company) for identification purposes only during the open presentation portion of the table clinics (non-judging portion).

14. Clinicians must report to the table clinic area in the designated area at least 2 hours prior to the judging in order to set up their clinics in time for the judging session.

15. No one, other than the student clinicians and judges, is permitted in the clinic area during the judging session.

## Responsibility of school

Each eligible school is required to complete a Student Registration Form indicating participation in the SCADA Program. The name of the faculty advisor who will assist the student in properly fulfilling the requirements of the Program must also be included.

## Responsibility of Student

1. Completes and returns all forms furnished by Dentsply Sirona Asia.
2. Submits an abstract or summary (250 words maximum) to Dentsply Sirona Asia.
3. Submits his or her color head and shoulders photograph to Dentsply Sirona Asia.
4. Makes own travel arrangements through the offices of Dentsply Sirona Asia.
5. Only the hotel rate plus applicable taxes will be pre-paid by Dentsply Sirona Asia. Other incidental charges such as phone calls, mini bar, laundry, etc. must be covered by student upon checking out.

## Expenses of Student

Under the discretion of Dentsply Sirona, one student selected by each school and accepted by the National Association of his/her country will receive the arrangement from Dentsply Sirona country local office for hotel, meal and for air and ground transportation to compete in the national competition during the annual Session.

The winners of the national competitions will be invited and informed by Dentsply Sirona Asia for hotel, meal expenses and ground transportation to compete in the Regional Program held annually during the IADR-SEA meeting.

## Responsibility of faculty advisor

It is imperative that the faculty member appointed by the dean to serve as the advisor should make sure that every aspect of the student's table clinic is in compliance with the regulations established by Dentsply Sirona and the IADR-SEA Council. The advisor should also see that the student returns all completed forms by the due date.

## Method of Selection

Dentsply Sirona Asia does not designate a specific procedure for the selection of student clinicians for the national competition. However, each school may utilize the mechanism of a student clinic competition conducted either by the student association or the school itself.

National dental associations and local dental societies are available to assist and advise students and faculty in the conduct of judging of the student clinics in a school program.

It is acknowledged that each school has its separate set of rules or guidelines in the selection of the student winner. However, it must be understood that the student who participates in this program must adhere to the regulations established by this Guidebook.

## Hotel Reservation

A hotel at the IADR-SEA annual meeting will be designated as headquarters for the student clinicians. Dentsply Sirona Asia will make hotel reservations for all students who will be participating. All students should receive a confirmation from the hotel.

Dentsply Sirona or IADR-SEA will not be responsible for any expenses incurred for the shipment of materials to be used in the clinic presentation.

## Registration at Meeting Venue

All student clinicians will be pre-registered and their registration fees will be paid by Dentsply Sirona Asia (students are not required to register themselves online) and registration badges shall be sent to them prior to the start of the IADR-SEA Annual Meeting/or passed to them on site. The badges will entitle them to admission to scientific sessions as well as the technical exhibit area of both meetings.

## SCADA Membership

All undergraduate students participating in the Asia SCADA Program are eligible for membership in SCADA (The International Association of Student Clinicians-American Dental Association).

Complete information about the Association and an invitation to membership will be made available to each student during the Program. For more details about SCADA please contact Dentsply Sirona Asia. The contact details can be found at the end of this guide.

## Time of presentation

Student clinicians are required to present their clinics to the judges only in a closed session on the day and times designated.

The oral presentation should be no longer than **7-10 minutes** in length.

The judges may then ask questions during the following Q&A session, which is no longer than **5-7 minutes**.

An open presentation also takes place during which clinic is presented informally to all joint annual session attendees who wish to view them.

## Judging of clinics

A qualified professional panel of judges will evaluate the clinics. This panel will be comprised of no less than three judges and usually not more than six.

The judges will be nominated by the IADR-SEA Council. Dentsply Sirona designated representative will monitor and advise the judges in the conduct of the judging, but shall not be a member of the judging panel.

## Judging criteria

A copy of the rating form used by the judges is attached in Appendix 1.

## Equipment

The following items will be supplied:

1. Counter table, covered and draped, 2 ft. x 6 ft., 42 " high
2. Stool
3. Sign with table number and name of clinician

Special equipment, such as table lamp, x-ray view box, and slide projector and table top screen can be furnished on advance request.

The students must supply a clinic title sign if such is desired, and this sign must be part of the display located on the table top. Please note that the posters will need to be mounted on hard boards.



## Hand - out material

While hand - out materials are not required, additional points can be gained in the judging from the availability of well-prepared and concise literature.

If material is to be handed out, it is strongly recommended that it be only a one-page synopsis of the table clinic.

It will be the student's responsibility to have enough copies of hand - out materials for distribution to those viewing the clinic.

## Assistance received

Each student must state on the form the amount of consultative assistance received in preparing the clinic. Clinics receiving little or no assistance are preferred.

## Suggestions

The following suggestions are designed to assist students in the preparation and presentation of their clinics.

Keep in mind that a table clinic is a table top demonstration and not an exhibit, lecture or essay.

Judges are looking for scientific/ clinical knowledge and presentation skills

A complete presentation of the clinic (demonstration and commentary) should be no longer than 7 to 10 minutes.

The clinician should be prepared to answer questions regarding the clinic from the judges and from those viewing the presentation. If unable to answer a question, the student should say so.

If the subject matter is complex, reduce the information you wish to convey to its essential elements, limit the text and enlarge the letter size. Rearranging the information can help define the point you want to make. Notice the greater visual clarity of the graph as compared to the chart on the right.

Graphics alone will not make an otherwise poor presentation into a winner. But, the combination of well-planned material with crisp, simple visuals can be a more effective means of presenting your research poster.

**Important:** One of the greatest temptations in preparing graphics is to expect the graphics to tell the complete story in detail. A graphic is meant to visually reinforce what you are saying and emphasize certain points or clarify complex ideas. Remember:

You are the scientist, and it is your physical presence that makes the research come alive and be meaningful. To delegate the main functions of communications to the graphics, makes you an impersonal voice and, at best, a mere narrator.

## Presenting an Award winning research poster presentation

A key differentiating factor in an award winning research poster is the thorough development of four areas: validity, relevance, planning, and presentation.

**Validity:** Basic to any research poster presentation is the soundness of the subject matter you are presenting. If the premise is logical, the null hypothesis is sound, and the techniques and methods used to test it are valid, you will have important findings for your poster presentation.

**Relevance:** No matter how valid your research is, it must be relevant to the profession. A clinical or basic science subject may be fairly simple and if it helps to improve dental techniques or increase the understanding of oral diseases, it will generate considerable interest.

**Planning your research protocol:** Mastering your subject matter is a critical component of your preparation. Your research protocol becomes the framework for your efforts. If you follow the scientific method, you will be successful.

**Presentation:** The standard format for presenting research posters follows the format for your research protocol. It will include a hypothesis, methods and data collection, results and conclusions. Data should be presented clearly so they can be easily understood

Your poster presentation must be clear and concise without exceeding the limits provided in the regulations.

Plan your presentation well in advance. Start with a rough pencil sketch drawn to approximate scale and include placement of graphics (if they are to be used) and placement of copy.

If more than one element is covered, they should be placed in relation to each other so that the eye moves naturally from one point to the next as indicated below:

Use a plain lettering style and stick with a horizontal format. Lettering that is too fancy or placed in a vertical or diagonal format is hard to read and should not be used in visual construction.



Impressions from the 2016 Student Clinician Program in Korea.

### If color is used, the following points should be kept in mind:

Use color with **discretion**. It should be used to attract attention and applied to elements of greatest significance.

Emphasize results using **contrast**, one color plus black offers the greatest contrast.

When using more than one color, reserve the **darkest** for the **basic** message.

Color used behind lettering should be light to ensure **legibility**. The smaller the lettering, the lighter the background color.

## Contact us for more information

Faculty members or students seeking additional information regarding the regulations of the IADR-SEA/SCADA Program are invited to write to :

Ms Verena Schuetter  
Marketing Communication Manager Asia  
[verena.schuetter@dentsplysirona.com](mailto:verena.schuetter@dentsplysirona.com)



### IADR – SEA / Dentsply Sirona – SCADA ROGRAM RATING FORM

A table clinic is a demonstration, not an essay, lecture, or exhibit. It must be shown within 7 to 10 minutes and must be repeated many times during the clinic period with opportunity for dialogue with attendees.

<b>TITLE :</b>	
<b>CLINICIAN :</b>	<b>TABLE #:</b>

**ASSISTANCE :**

- ☐ student(s) prepared all materials used in clinic  
☐ assistance received from individual  
☐ materials borrowed or purchased

---

**SUBJECT MATTER** Maximum number of points for this section = 45

- |                                     |   |   |   |   |   |
|-------------------------------------|---|---|---|---|---|
| 1. Important, timely, pertinent     | 1 | 3 | 5 | 7 | 9 |
| 2. Organization, logic, sequence    | 1 | 3 | 5 | 7 | 9 |
| 3. Practical approach to practice   | 1 | 3 | 5 | 7 | 9 |
| 4. Scientifically sound & supported | 1 | 3 | 5 | 7 | 9 |
| 5. Creative ability, new approach   | 1 | 3 | 5 | 7 | 9 |

Total points for this section \_\_\_\_\_

---

**PRESENTATION** Maximum number of points for this section = 36

- |  |   |   |   |   |
|--|---|---|---|---|
| 1. Objectives & conclusion related     | 1 | 2 | 4 | 6 |
| 2. Thorough background knowledge       | 1 | 2 | 4 | 6 |
| 3. Story told completely               | 1 | 2 | 4 | 6 |
| 4. Clinic readily understood           | 1 | 2 | 4 | 6 |
| 5. Oral presentation brief/lucid       | 1 | 2 | 4 | 6 |
| 6. Presentation dignified/professional | 1 | 2 | 4 | 6 |

Total points for this section \_\_\_\_\_

---

**TABLE DISPLAY** Maximum number of points for this section = 19

- |                                    |   |   |   |
|------------------------------------|---|---|---|
| 1. Clinic is neat/attractive       | 1 | 2 | 3 |
| 2. Visuals well arranged, readable | 1 | 2 | 3 |
| 3. Workmanship good                | 1 | 2 | 3 |
| 4. Handout available (synopsis)    | 1 | 2 | 3 |
| 5. Professional appearance         | 1 | 2 | 3 |
| 6. Creative ability                | 1 | 2 | 4 |

Total points for this section \_\_\_\_\_

COMMENTS: \_\_\_\_\_

TOTAL POINTS \_\_\_\_\_ (Maximum = 100 points)