



D Y PATIL DENTAL SCHOOL

Dr. D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412105

Affiliated to Maharashtra University of Health Sciences, Nashik

Recognized by Dental Council of India



SELF STUDY REPORT (CYCLE 1) 2018-2023

Criteria 7: Institutional Values and Best Practices

Key Indicator: 7.2 Best Practices

Metric: 7.2.1: Describe two Institutional best practices as per the NAAC format provided in the manual

Best Practice-1

Healthy Teeth, Happy Kids: A School-Based Dental Wellness Program

INDEX

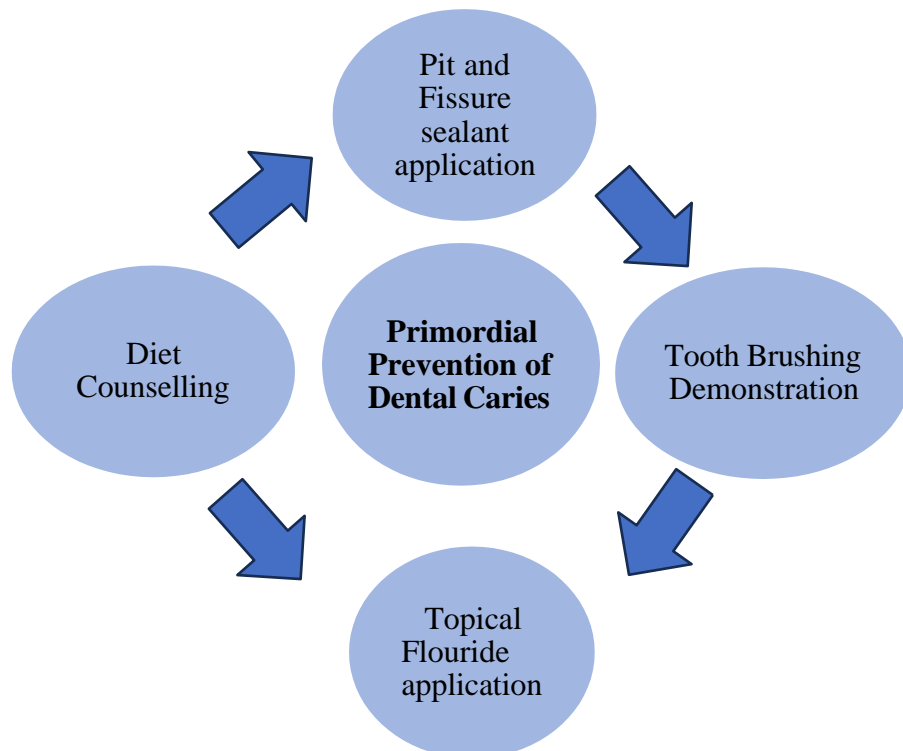
Sr No	Details of Program	Page No
1	Primordial prevention of dental caries	1-5
2	Clinical Images	7-27
3	Case papers	23-26
4	Feedback form	28-59
5	Graphs	60
6	Pit and fissure image	61
7	Sealant application image	62

Primordial Prevention of dental caries

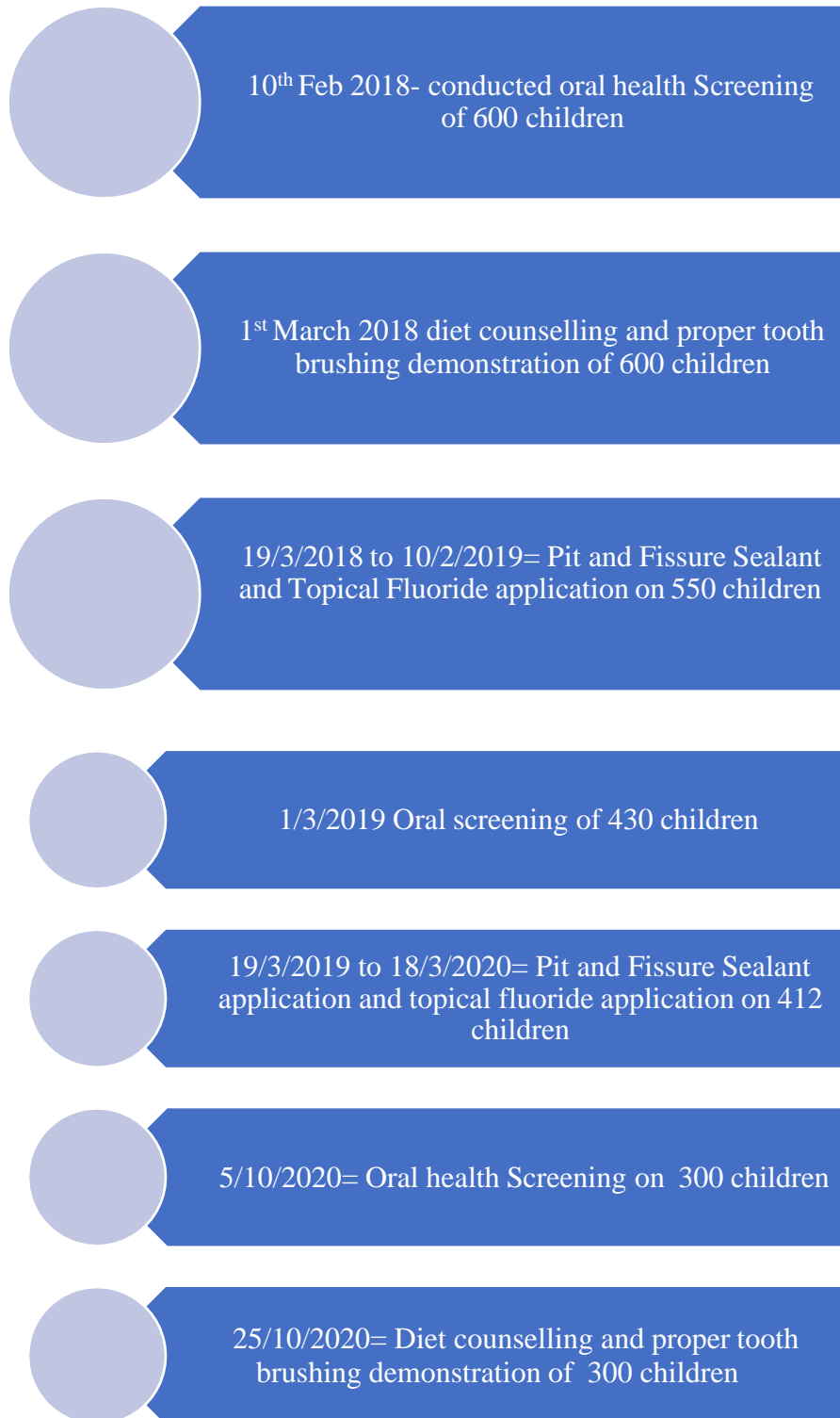
Objectives:

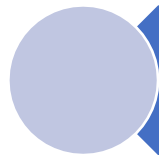
- 1) To promote oral health among low socioeconomic paediatric children aged 6 to 12 years by providing free dental treatment.
- 2) To prevent dental issues, alleviate pain, and enhance the overall quality of life for students.
- 3) To instill healthy dental habits early in life, fostering lifelong oral health awareness and positive attitude towards dentistry.
- 4) Student expose to understand the prevailing pediatric dental problems and offer specific protection to prevent dental caries.

Context:



Calendar of Events

- 
- 10th Feb 2018- conducted oral health Screening of 600 children
 - 1st March 2018 diet counselling and proper tooth brushing demonstration of 600 children
 - 19/3/2018 to 10/2/2019= Pit and Fissure Sealant and Topical Fluoride application on 550 children
 - 1/3/2019 Oral screening of 430 children
 - 19/3/2019 to 18/3/2020= Pit and Fissure Sealant application and topical fluoride application on 412 children
 - 5/10/2020= Oral health Screening on 300 children
 - 25/10/2020= Diet counselling and proper tooth brushing demonstration of 300 children




28/10/2020 to 31/12/2020-Pit and Fissure Sealant application and topical fluoride application on 250 children



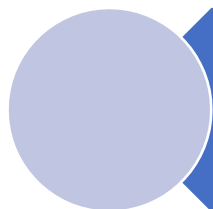
1/10/2021 conducted oral health Screening of 200 children



4/10/2021=Diet counselling and proper tooth brushing demonstration of 200 children



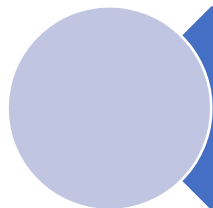
6/10/2021 to 31/12/2021-Pit and Fissure Sealant application and topical fluoride application on 120 children



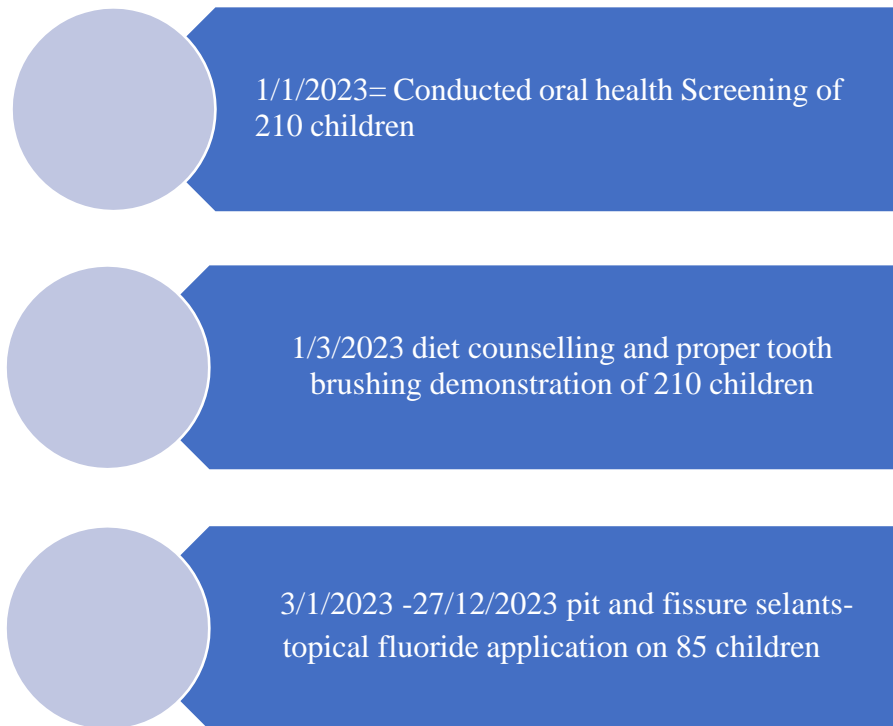
15/3/2022= Conducted oral health Screening of 260 children



20/3/2022 diet counselling and proper tooth brushing demonstration of 260 children



21/3/2022 -31/12/2022 pit and fissure sealants-topical fluoride application on 95 children



Future Plan: Comprehensive dental treatment with aim of disease-free mouth among children by expanding similar program among other underprivileged section population

Practice:

1) Baseline data

- a) Following the screening of 2000 children, it was observed that 1812 had poor oral hygiene, dental caries and mild gingivitis
- b) 1512 Childrens indicated for pit and fissure sealant application followed by topical fluoride application were shortlisted.
- c) Proper Tooth brushing demonstration and appropriate diet counselling will be reinforced
- d) Preventive procedure pit and fissure sealant and topical fluoride application were continuously implemented and monitored.

2) Formative evaluation

Was done to evaluate the retention fissure sealants and oral hygiene maintenance

3) Intervention

- a) Upon identifying students who would benefit from sealants and fluoride
- b) application, appointments were scheduled at the Department of Pediatric Dentistry DYPDS
- c) At the Department of Pediatric Dentistry students were trained batchwise during their clinical posting to apply pit and fissure sealants and topical fluoride application under the supervision of faculty. Yearly, a total of 90 students from final year and around 70 interns are trained.
- d) Post treatment children were given demonstration of Fones tooth brushing and flossing technique to maintain good oral hygiene
- e) Follow up taken during 3rd, 6th, 9th month of each year to evaluate the retention of sealants

Evidence of success:

- a) From 2018 to 2023, out of 2000 children 1512 (75.6 %) children were benefitted with Pit and Fissure and Topical Fluoride application
- b) From 2018 to 2023, out of 2000 children 1512 (100 %) children were benefitted with Diet counselling and proper tooth brushing demonstration
- c) 255 children (12.7%) developed new carious lesion amounting to 88.3 % success of the intervention in preventing dental caries
- d) Summative evaluation shown 87 % success in retention of pit and fissure sealants
- e) Students and interns exhibit improvement in clinical skills, knowledge retention, and professional competence over the course of their involvement in the program

Clinical Images

Healthy Teeth, Happy Kids : A School Based Dental Wellness Programme

Oral Screening at Ashraya Orphanage







Oral Screening at Ramchandra Vidhalaya







Primordial prevention interventions Photographs

Clinical Examination





Demonstration of Pit and Fissure Sealant application by Faculty



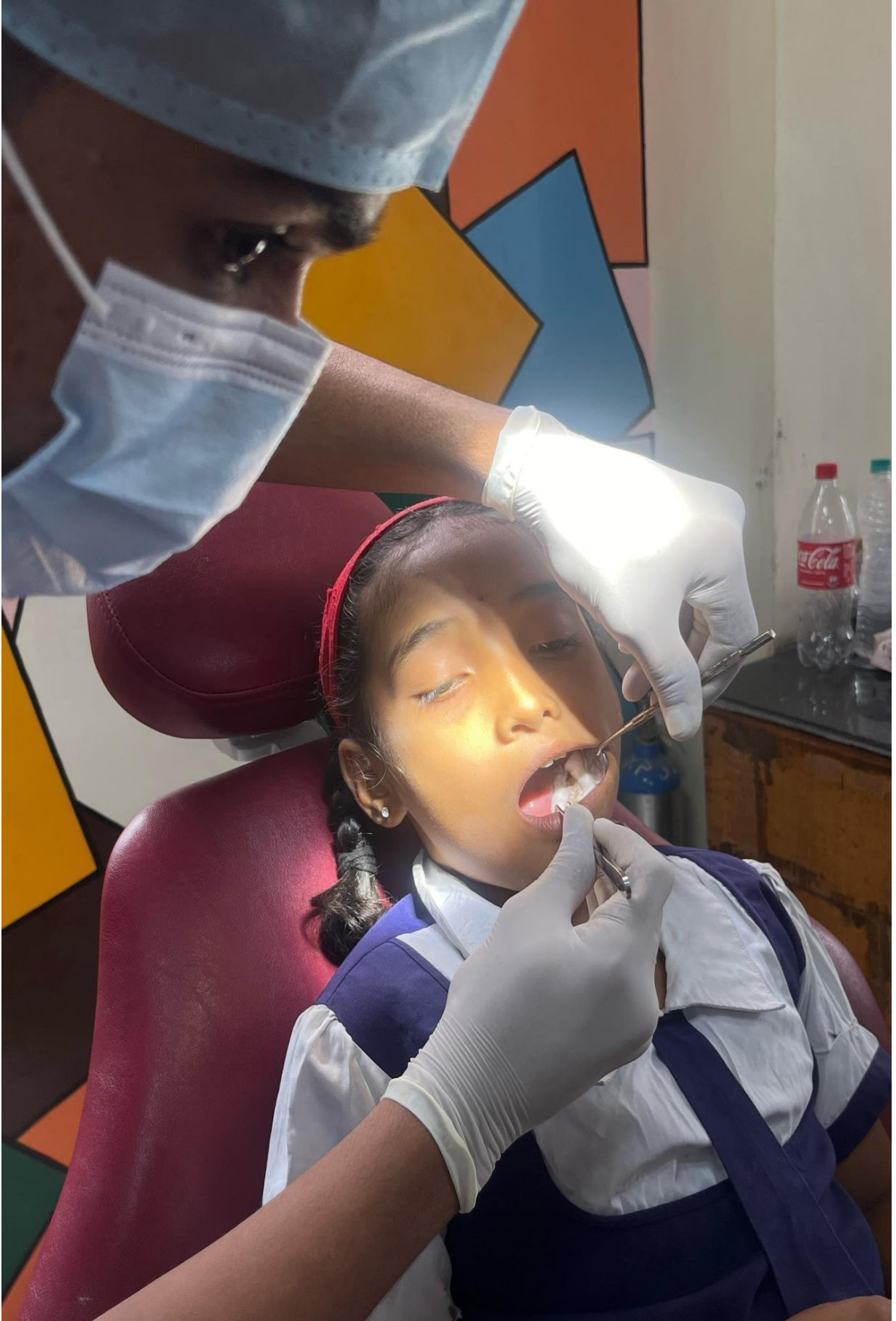
Training of Students on Extracted teeth



Pit and fissure sealant Application on Extracted teeth



Training for effective Isolation



Procedure



Monitoring by Faculty



Monitoring by Faculty



Monitoring by Faculty



Tooth brushing demonstration



Case Paper



D Y Patil Dental School

D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune 412105

CASE PAPER

Patient Name: Parag Hegde

Age: 11 Gender: M

Case Paper / Rag No. : 2020/ 99958

Mobile No:

Address:

Date Of joining: 28/10/20

Chief Complaint: Dental Camp

Medical History: N/A
Habits:

On Examination: Caries: 6 | 6 Fillings: +
Missing teeth: + Mobility: +
Other Observations: +

I, Mr. / Mrs. / Ms. Sumit Hegde (Parent/Guardian in case of Minor) declare in writing that the proposed Dental Treatment has been explained to me in detail as well as the need for the treatment. I have also explained the risk and chances of failure of treatment, as well as the need for certain treatments to be performed under anesthesia. All the advantages and risk of anesthesia have been completely explained to me, I give my complete consent to all dental treatment as well as administration of anesthesia as and when required. By this declaration I absolve the attending doctor and the hospital of any liability in regard to my treatment. I agree to pay the hospital charges as and when instructed. I am/ am not a minor

मी, वी./ सौ./ कु. सुमित हेगडे (पालक/नातेवाईक (जर सान नसेल तर)) असे िल न देतो िक, दंत िचिकेब ल मला माहिती दे ात आली आहे, तसेच ाची आव कता मला सांग ात आली आहे. या िचिकेतील संभा धोका ाच माणे िचिका पूणपणे फलुप होईलच याची शा ती नाही हे देखील मला सांग ात आले आहे. ाच माणे भूल िद ानंतर आव क ि या कर ाची गरज मला समजावून दे ात आली आहे. भूल दे ाचे सव फायदे- तोटे मला समजावून दे ात आले आहेत. मी या दंत िचिकेला संपूण जाहीर संमती देत आहे. ाच माणे वेळोवेळी भूल दे ा िवषयी मा ावर उपचार करणा या डॉ राना व हॉ टलला या िवषयी ा जबाबदारीतून मु करीत आहे. मी आव कतेनुसार हॉ टलला भरा ा लागणा यार मेची ाही देतो. मी सान आहे.

- Referred To:
- Dept 1, OMDR: Basement,
 - Dept 2, PHD: Basement,
 - Dept 3, Pedodontics: Ground Floor,
 - Dept 4, Orthodontics: Ground Floor,
 - Dept 5, Periodontics: First Floor,
 - Dept 6, Conservative: First Floor,
 - Dept 7, Oral Surgery: Third Floor,
 - Dept 8, Blood Investigations: Second Floor,
 - Dept 9, Prosthodontics: Ground Floor/Third Floor

Adv

① Extraction \bar{c} 75

Pit & fissure sealant \bar{c} 16, 26

28/10/20

Extraction done \bar{c} 75

Pit and fissure sealant done \bar{c} 16, 26

Dr. Sneha

17/11/21

Follow up done

Dr. Purnima

20/4/21

Follow up done

Dr. Sneha

25/7/21

follow up done

Dr. Pritesh



D Y Patil Dental School

D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune 412105

CASE PAPER

Patient Name: Parag Hegde

Age: 11 Gender: M

Case Paper / Rag No. : 2020/99958

Mobile No:

Address:

Date Of joining: 28/10/20

Chief Complaint Dental Camp

Medical History

N/A

Habits:

On Examination: Caries

6 6

Fillings:

+ +

Missing teeth:

+ +

Mobility:

+ +

Other Observations:

+ +

I, Mr. / Mrs. / Ms. Sunil Hegde

Sunil Hegde

(Parent/Guardian in case of Minor) declare in

writing that the proposed Dental Treatment has been explained to me in detail as well as the need for the treatment. I have also explained the risk and chances of failure of treatment, as well as the need for certain treatments to be performed under anesthesia. All the advantages and risk of anesthesia have been completely explained to me, I give my complete consent to all dental treatment as well as administration of anesthesia as and when required. By this declaration I absolve the attending doctor and the hospital of any liability in regard to my treatment. I agree to pay the hospital charges as and when instructed. I am/ am not a minor

मी, वी./सौ./कु.

(पालक/नातेवाईक (जर सान नसेल तर)) असे

विल न देतो िक, दंत िचिक ंब ल मला मािहती दे ात आली आहे, तसेच ाची आव कता मला सांग ात आली आहे. या िचिक ंतील संभा धोका ाच माणे िचिक ा पूणपणे फल ुप होईलच याची शा ती नाही हे देखील मला सांग ात आले आहे. ाच माणे भूल िद ानंतर आव क ि या कर ाची गरज मला समजावून दे ात आली आहे. भूल दे ाचे सव फायदे- तोटे मला समजावून दे ात आले आहेत. मी या दंत िचिक ंेला संपूण जाहीर संमती देत आहे. ाच माणे वेळोवेळी भूल दे ा िविषयी मा ावर उपचार करणा या डॉ राना व हॉ टलला या िविषयी ा जबाबदारीतून मु करीत आहे. मी आव कतेनुसार हॉ टलला

भरा ा लागणा या र मेची ाही देतो. मी सान आहे.

Referred To:

Dept 1, OMDR: Basement,

Dept 2, PHD: Basement,

Dept 3, Pedodontics: Ground Floor,

Dept 4, Orthodontics: Ground Floor,

Dept 5, Periodontics: First Floor,

Dept 6, Conservative: First Floor,

Dept 7, Oral Surgery: Third Floor,

Dept 8, Blood Investigations: Second Floor,

Dept 9, Prosthodontics: Ground Floor/Third Floor

Adv

① Extraction \bar{c} 75

Pit & fissure sealant \bar{c} 16, 26

28/10/20

Extraction done \bar{c} 75

Pit and fissure sealant done \bar{c} 16, 26

Dr. Sneha

17/11/21

Follow up done

Dr. Poojanka

20/4/21

Follow up done

Dr. Sneha

25/7/21

follow up done

Dr. Pritesh

Feed Back

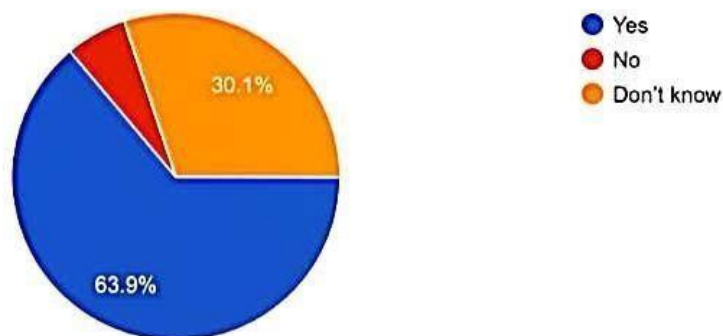
Students Feedback on
Perception of dental students
towards pit and fissure
sealant application :
A school based Dental
Wellness Program
2018-2019

ACADEMIC YEAR 2018-19
STUDENTS FEEDBACK ON HAPPY TEETH, HAPPY KIDS: A SCHOOL BASEED
DENTAL WELLNESS PROGRAM
D Y PATIL DENTAL SCHOOL

- Students from the college completed the survey created to gather information on the knowledge and awareness of pit and fissure sealant application- a school based dental wellness program.
- There were six questions in the questionnaire, most of which focused on gauging knowledge about indication and success of pit and fissure sealant towards preventive health care.
- A total of 83 responses were received.
- The responses were examined to improve quality in application of pit and fissure sealants.

Pit and fissure sealant is a primordial prevention for dental caries?

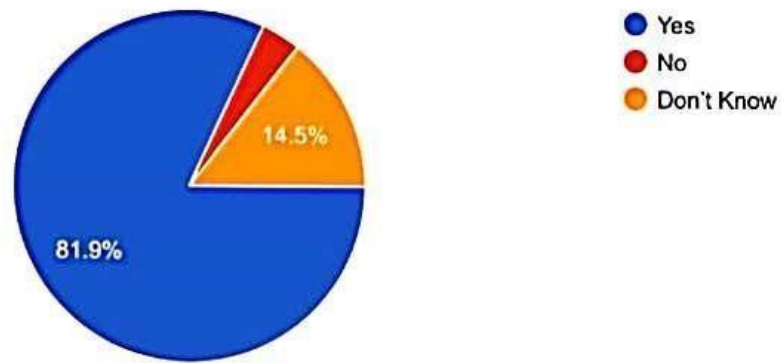
83 responses



Among all the participants 6% disagreed, 30.1% were not sure and 63.9% strongly agreed that pit and fissure sealant is a primordial prevention for dental caries.

Pit and fissure sealant application is indicated for deep fissure involvement?

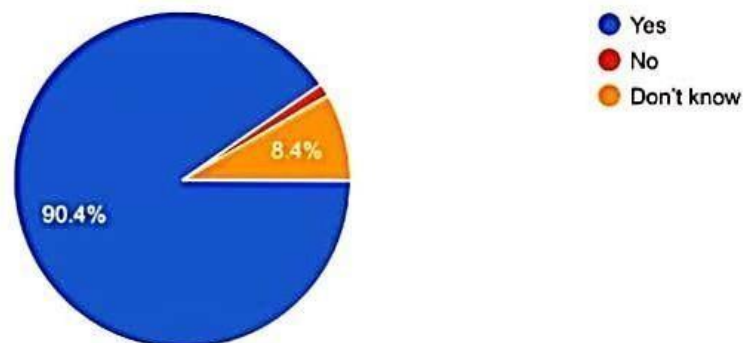
83 responses



Among all the participants 3.6% disagreed in indicating pit and fissure sealant for deep fissure involvement, 14.5% didn't know and 81.9% strongly agreed.

Isolation is an important step in success of pit and fissure sealant?

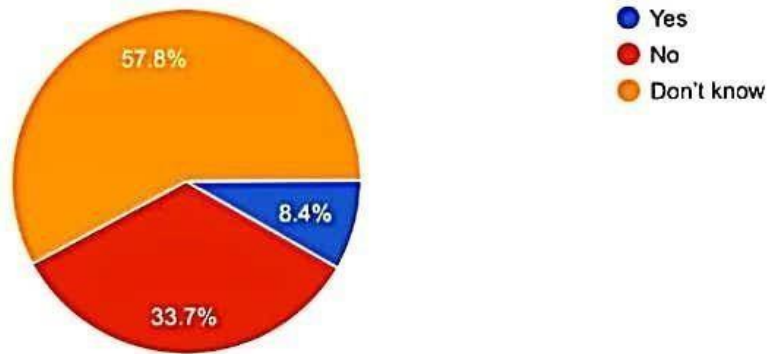
83 responses



Among all the participants 1.2% were not aware of isolation being critical step for success of pit and fissure sealant, 8.4% didn't know while 90.4% strongly agreed.

Control of flow os sealant is easy during sealant application?

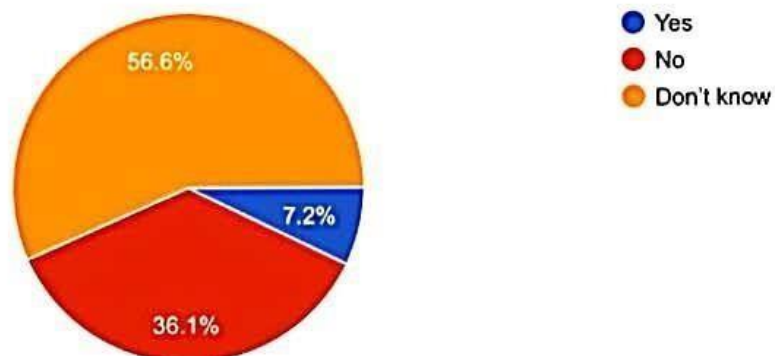
83 responses



Among all the participants 8.4% found it easy to control the flow of sealant, 33.7% found that it was not easy to control the flow of sealant while 57.8% didn't know.

Topical fluoride is mandatory followed by pit and fissure sealant?

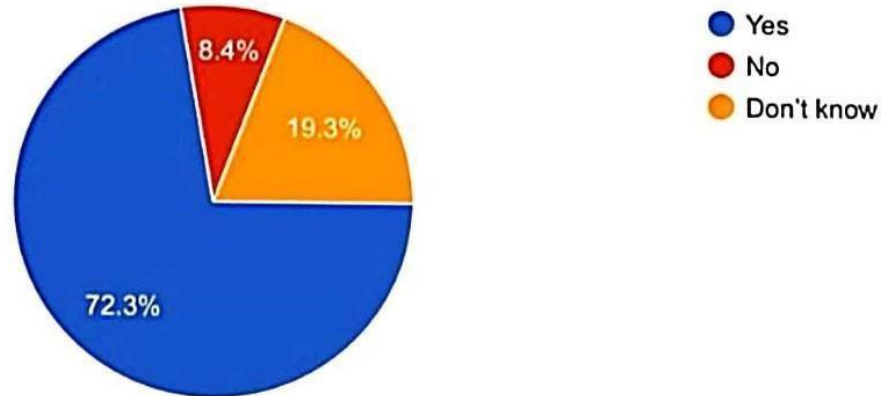
83 responses



7.2% considered topical fluoride mandatory followed by pit and and fissure sealant, 36.1% didn't agree while 56.6% didn't know.

Success of pit and fissure sealant depends on its retention?

83 responses




8.4% disagreed with retention being important factor for success of pit and fissure sealant, 19.3% didn't know while 72.3% agreed to it.



Actionable points:

- Isolation reinforcement
- Control of flow of sealant material
- Prevention of high points

Action Taken:

- Students were trained to develop psychomotor skill of preparing cotton rolls.
- Students were trained to develop skills of applying sealant with cotton to prevent over application.
- Cognitive ,affective and psychomotor skill to prevent high points prevention was taught on extracted tooth.


Dr. Pritesh Gawali
Coordinator
DY PATIL DENTAL SCHOOL



Dr Anand Shigri
DEAN
D Y PATIL DENTAL SCHOOL

Students Feedback on
Perception of dental
students towards pit and
fissure sealant application :
A school based Dental
Wellness Program
2019-20



ACADEMIC YEAR 2019-20

STUDENTS FEEDBACK ON PERCEPTION OF DENTAL STUDENTS TOWARDS PIT AND FISSURE SEALANT APPLICATION :

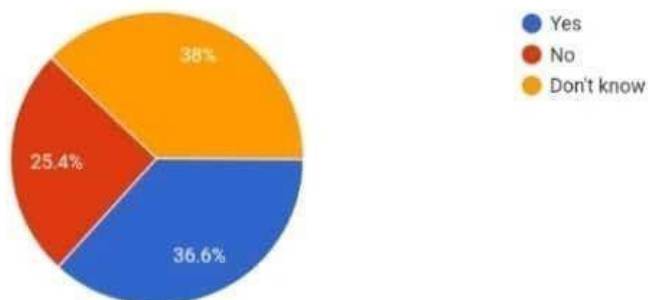
A SCHOOL BASED DENTAL WELLNESS PROGRAM.

D Y PATIL DENTAL SCHOOL

- Students from the college completed the survey created to gather information on the knowledge and awareness about pit and fissure sealant application in a school based dental wellness program.
- There were eight questions in the questionnaire, most of which focused on gauging knowledge about indication and success of pit and fissure sealant towards preventive oral health care.
- A total of 72 responses were received.
- The responses were examined to improve quality and success of pit and fissure sealant application in patients.

1-Ergonomical position of operator during procedure helps to overcome mpds?

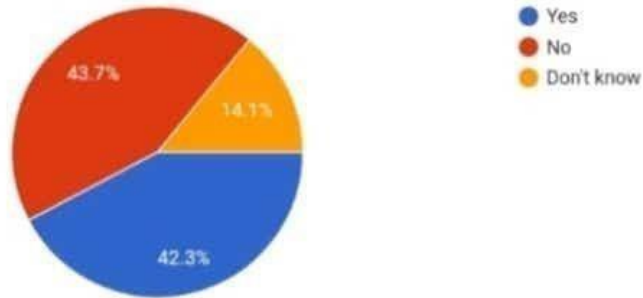
71 responses



Ergonomical position of operator during procedure does not helps to overcome mayofunctional pain disorder syndrome according to 25.4%, it helps according to 36.6% whereas 38% don't know about it.

2-Pit and fissure sealant is a primordial prevention for dental caries?

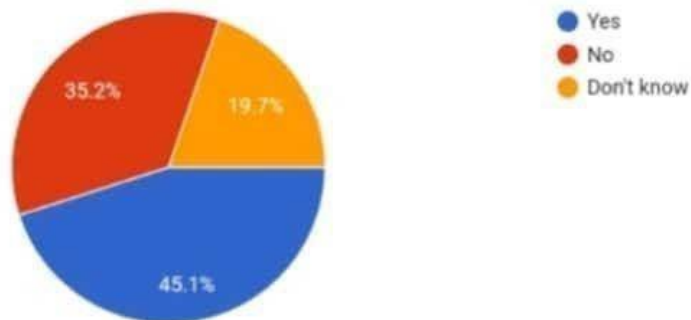
71 responses



Among all the participants 14.1% don't know, 42.3% felt that pit and fissure sealant is a primordial prevention for dental caries , while 43.7% did not agree to it .

3-Pit and fissure sealant application is indicated for deep fissure involvement?

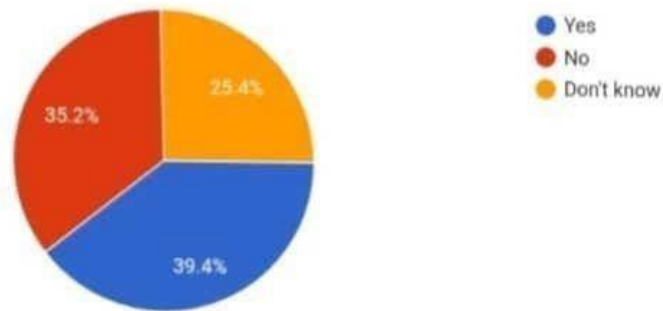
71 responses



Among all the participants 19.7% were not aware about the indications of pit and fissure sealant, 35.2% felt it is not indicated, while 45.1% agreed about it.

4-Isolation is an important step in success of pit and fissure sealant?

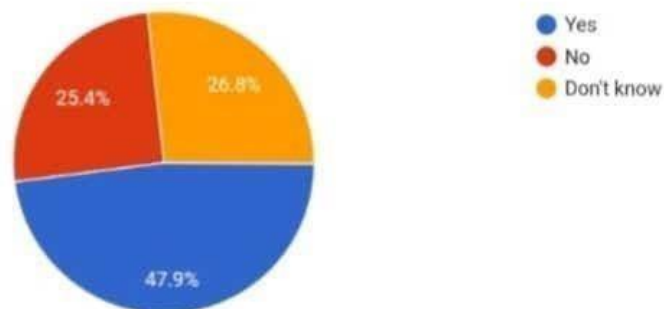
71 responses



Among all response 25.4% rated don't know , 35.2% rated no, and 39.4% rated yes with respect to isolation as an important step in success of Pit and Fissure sealant.

5-Control of flow of sealant is easy during sealant application?

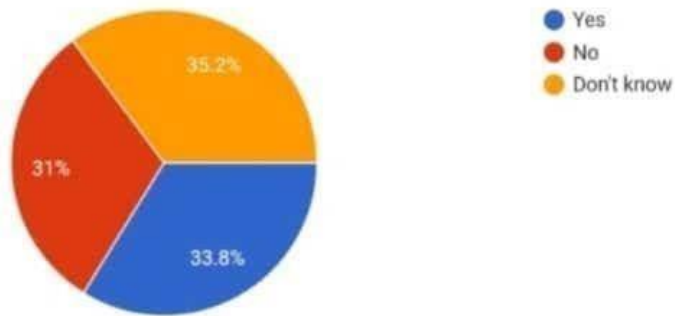
71 responses



Among all the participants 26.8% didn't know about the ease of control of flow sealant during application, 25.4% felt that it was not easy while 47.9% felt easy.

6-Protection of eye of both operator and kid is vital to prevent eye infection?

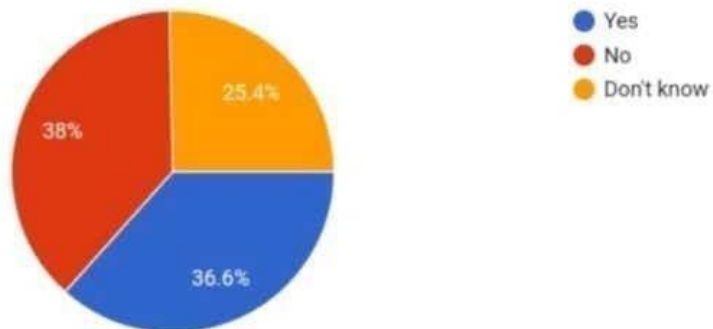
71 responses



Protection of eye of both operator and kid is not vital for 31% participants, 33.8% consider it important while 35.2% don't know.

7-Topical fluoride is mandatory followed by pit and fissure sealant?

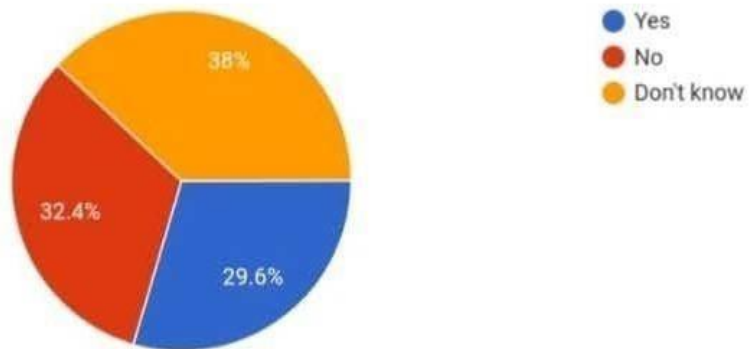
71 responses



25.4% were not aware of it 36.6% considered topical fluoride as mandatory followed by pit and fissure sealant application while 38% didn't agree.

8-Success of pit and fissure sealant depends on its retention?

71 responses



29.65 participants agreed that success of pit and fissure sealant depends on its retention, 32.4% disagreed to the statement whereas 38% didn't know about it.

Actionable points:

- 1) Ergonomics training
- 2) Eye protection
- 3) Retention of sealants

Action Taken:

- 1) Training sessions were conducted for students focused on ergonomic best practices for dental procedures.
- 2) Students were explained about the risks of not using eye protection and the benefits of proper eye safety measures.
- 3) Students were given demonstration on extraction tooth and understand the techniques which will enhance the retention of sealants.



Dr Pritesh Gawali

Coordinator

D Y Patil Dental School



Dr Anand Shigri

DEAN

D Y Patil Dental School



Students Feedback on
Perception of dental
students towards pit and
fissure sealant
application :

A school based Dental
Wellness Program
Report 2020-21

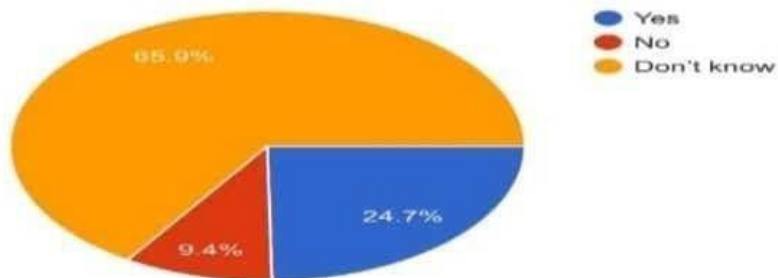
ACADEMIC YEAR 2020-21

PERCEPTION OF DENTAL STUDENTS TOWARDS PIT AND FISSURE SELANT
APPLICATION : A SCHOOL BASED DENTAL WELLNESS
PROGRAM.

D Y PATIL DENTAL SCHOOL

- Students from the college completed the survey created to gather information on the knowledge and awareness about pit and fissure sealant application in a school based dental wellness program.
- There were eight questions in the questionnaire, most of which focused on gauging knowledge about indication and success of pit and fissure sealant towards preventive oral health care.
- A total of 85 responses were received.
- The responses were examined to improve quality and success of pit and fissure sealant application in patients.

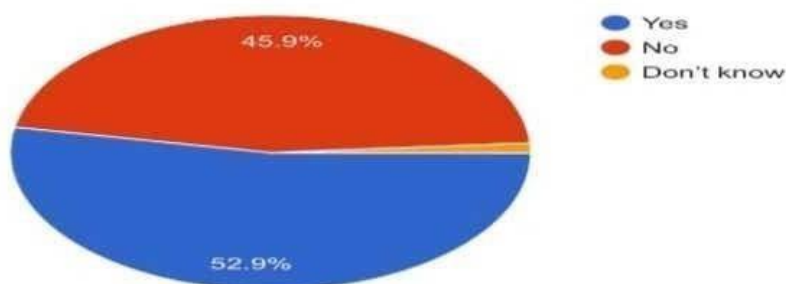
1) Self examination from children and parents is vital to assess progress of Pit and fissure sealant
85 responses



- Among all the participants 24.7% felt that Self Examination from parent and child is vital to assess progress of sealant, 65.9% didn't know, while 9.4% did not agreed to it

2) Pit and Fissure sealant is a primordial prevention for dental caries ?

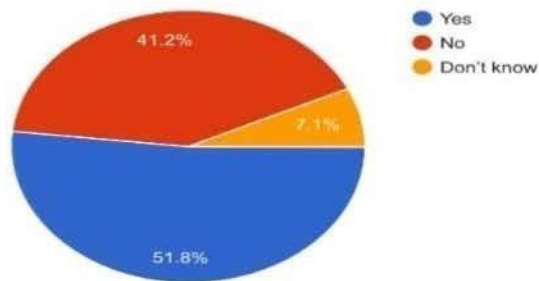
85 responses



- Among all the participants 45.9% felt that pit and fissure sealant is not a primordial prevention, 1.2% didn't know, while 52.9% agreed to it .

3) Pit and Fissure sealant application is indicated for deep fissures involvement?

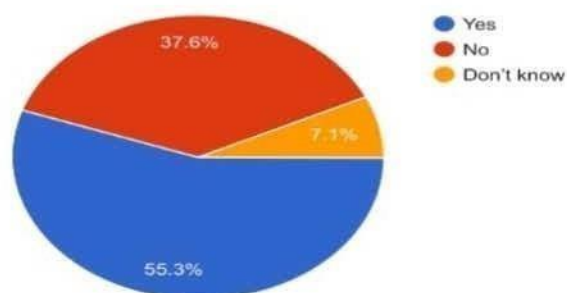
85 responses



- Among all the participants 7.1% were not aware about the indications of pit and fissure sealant 41.2% felt it is not indicated, while 51.8% agreed about it.

4) Isolation is an important step in success of Pit and Fissure sealant?

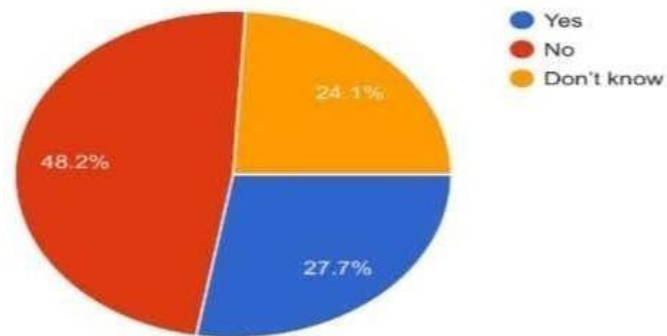
85 responses



- Among all response 37.6% rated no , 7.1% rated don't know, and 55.3% rated yes with respect to isolation as an important step in success of Pit and Fissure sealant.

5)Control of flow of sealant is easy during sealant application?

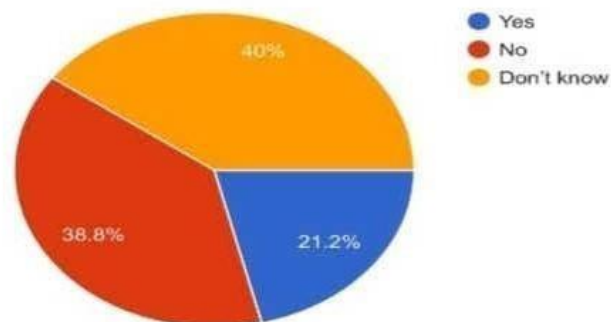
83 responses



- Among all the participants 24.1% didn't know about the ease of control of flow sealant during application, 48.2% felt that it was not easy while 27.7% felt easy.

6)Topical Fluoride is mandatory followed by Pit and Fissure sealant?

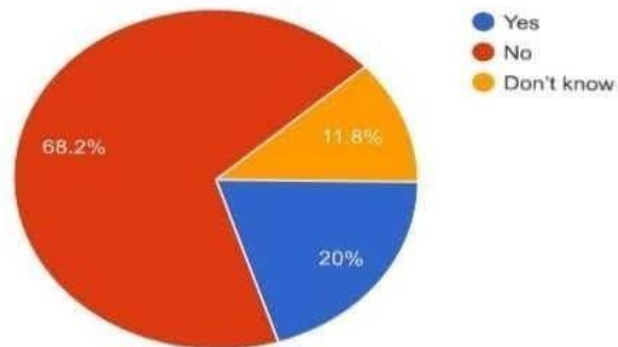
85 responses



- 21.2% considered topical fluoride as mandatory followed by pit and fissure sealant ,40% were not aware about it while 38.8% didn't agree to it.

7) Communication with Parent and Children is important before sealant application

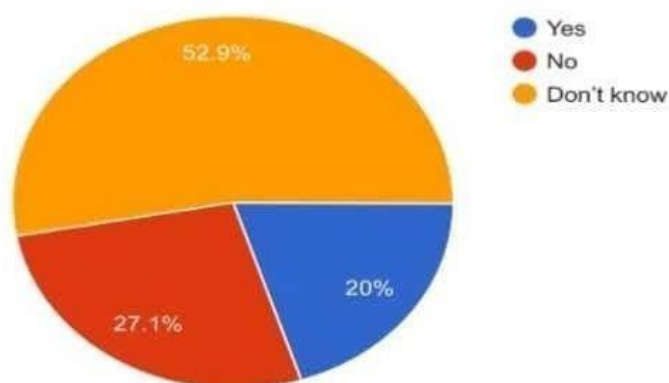
85 responses



- 20% responders believed that communication with parent and children is important before sealant application, while 68.2% did not and 11.8% did not know.

8) Success of Pit and Fissure sealant depends on its retention?

85 responses



- 27.4 % participants felt that success of pit and fissure sealant did not depend on its retention, 20.2% agreed about it while 52.4% had not idea about it.

Actionable points: Integrate self-assessment.
Isolation Enhancement.
Parent Communication Initiative.

Action Taken:

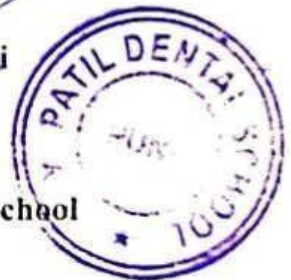
- 1) Students were instructed to explain parents and children about the importance of Self examination and monitoring of Pit and fissure caries.
- 2) Students underwent training to acquire the skills necessary for preparing cotton rolls.
- 3) Students were trained to inform parents and children about the benefits and procedure of pit and fissure sealant application.



Dr Pritesh Gawali
Coordinator
D Y Patil Dental School



Dr Anand Shigli
Dean
D Y Patil Dental School



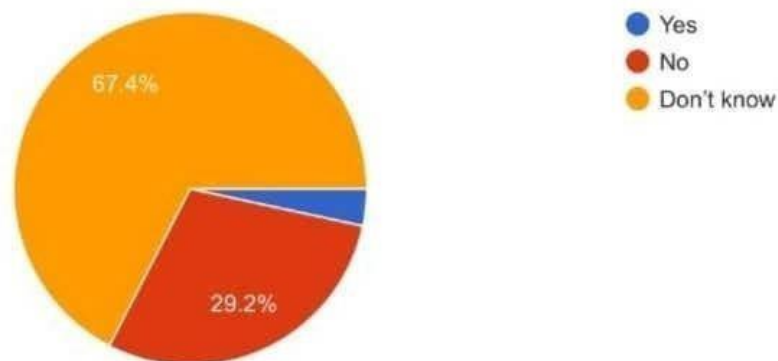
Students Feedback on Perception of Dental
Students Towards Pit and Fissure Sealant
Application 2021-22

ACADEMIC YEAR 2021-22
STUDENTS FEEDBACK ON PERCEPTION OF DENTAL STUDENTS TOWARDS
PIT AND FISSURE SEALANT APPLICATION
D Y PATIL DENTAL SCHOOL

- Students from the college completed the survey created to gather information on the knowledge and awareness of pit and fissure sealant application- a school based dental wellness program.
- There were eight questions in the questionnaire, most of which focused on gauging knowledge about indication and success of pit and fissure sealant towards preventive health care.
- A total of 89 responses were received.
- The responses were examined to improve quality in application of pit and fissure sealants.

PRR is an extended prevention procedure for dental caries?

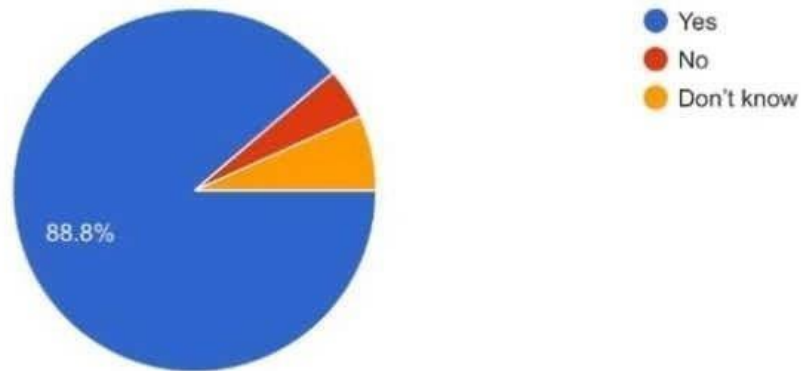
89 responses



Among all the participants 3.4% considered PRR as an extended prevention procedure for dental caries, 29.2% disagreed while 67.4% didn't know.

Isolation is an important step in success of pit and fissure sealant?

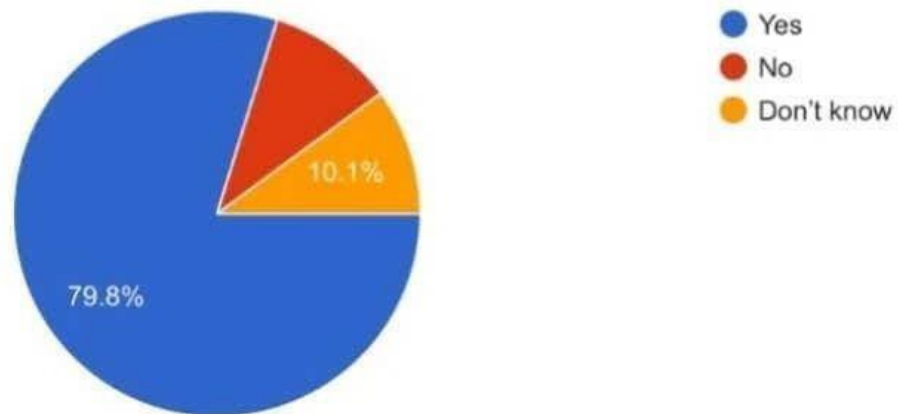
89 responses



Among all the participants 4.5% disagreed with isolation being important step in success of pit and fissure sealant, 6.7% didn't know, 88.8% agreed.

Pit and fissure sealant application is indicated for deep fissure involvement?

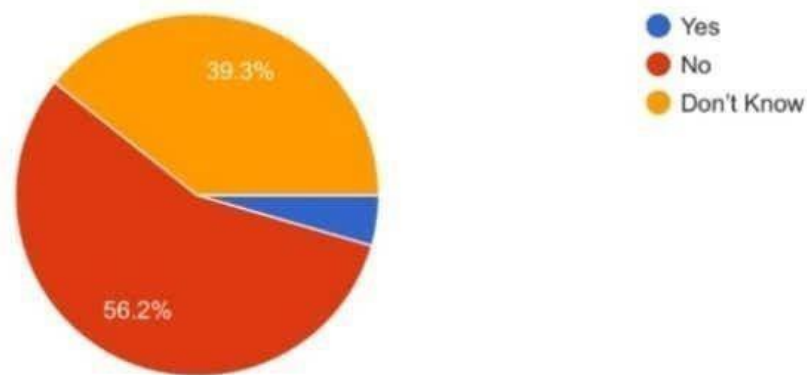
89 responses



Among all the participants 10.1% disagreed in using pit and fissure sealant in deep fissure involvement, 10.1% didn't know while 79.8% agreed.

Self etching procedure helps to reduce application time?

89 responses



4.5% agreed that self etching procedure helps to reduce application time, 39.3% didn't know and 56.2% disagreed.

Pit and fissure sealant is a primordial prevention for dental caries?

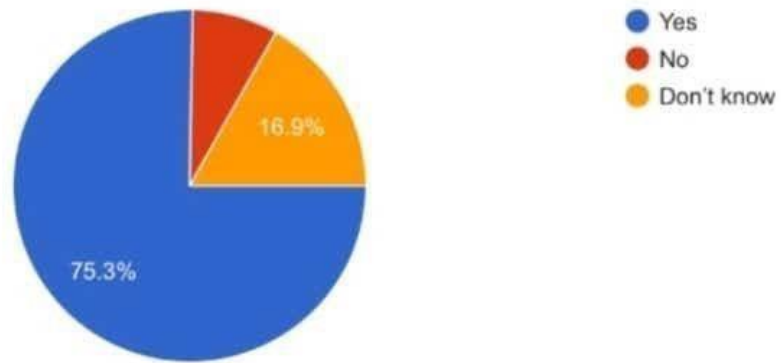
89 responses



Among all the participants, 1.1% disagreed, 5.6% didn't know while 93.3% agreed with pit and fissure sealant being a primordial prevention for dental caries.

Control of flow os sealant is easy during sealant application?

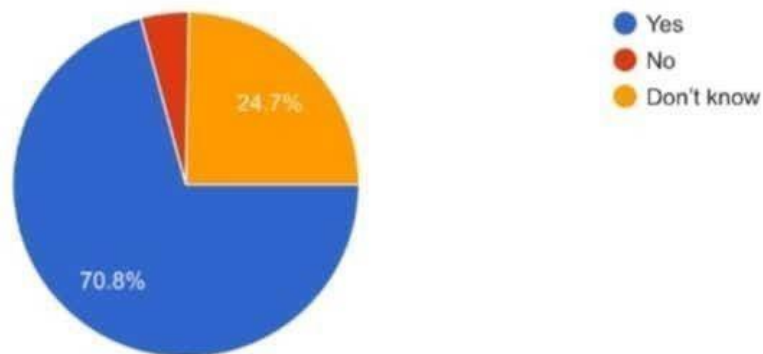
89 responses



7.9% found it not easy to control flow of sealant during sealant application, 16.9% didn't know, 75.3% found it easy to control the flow of sealant.

Topical fluoride is mandatory followed by pit and fissure sealant?

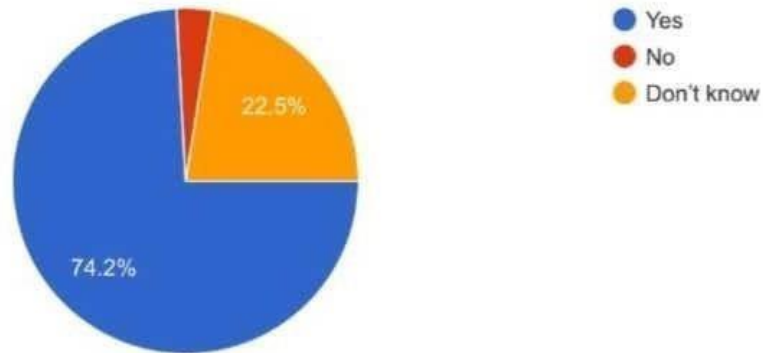
89 responses



4.5% considered topical fluoride not mandatory following pit and fissure sealant, 24.7% didn't know while 70.8% agreed.

Success of pit and fissure sealant depends on its retention?

89 responses



Among all the participants 3.4% disagreed, 22.5% didn't know while 74.2% agreed that the success of pit and fissure sealant depends on its retention.

Actionable points:

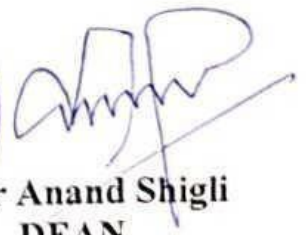
- Preventive procedures for dental caries
- Self etching
- Control of flow of sealant

Action Taken:

- Students were educated to clarify the role of pit and fissure sealant application as an preventive measures for dental caries.
- Practical demonstrations of self etching technique were conducted so that participants can see the procedure in action and understand it's impact on application time.
- Students received training on the precise application of pit and fissure sealant to prevent excessive use.



Dr Pritesh Gawali
Coordinator
DY PATIL DENTAL SCHOOL



Dr Anand Shigli
DEAN
DY PATIL DENTAL SCHOOL

Students Feedback on
Perception of dental
students towards pit and
fissure sealant application :
A school based Dental
Wellness Program
Report 2022-23

ACADEMIC YEAR 2022-23

STUDENTS FEEDBACK ON PERCEPTION OF DENTAL STUDENTS

TOWARDS PIT AND FISSURE SEALANT APPLICATION :

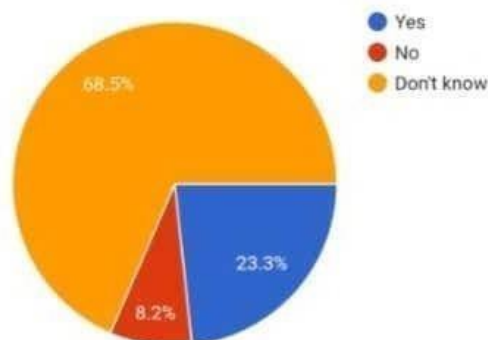
A SCHOOL BASED DENTAL WELLNESS PROGRAM

D Y PATIL DENTAL SCHOOL

- Students from the college completed the survey created to gather information on the knowledge and awareness about pit and fissure sealant application in a school based dental wellness program.
- There were eight questions in the questionnaire, most of which focused on gauging knowledge about indication and success of pit and fissure sealant towards preventive oral health care.
- A total of 73 responses were received.
- The responses were examined to improve quality and success of pit and fissure sealant application in patients.

1) Communication with parent and children is important before sealant application ?

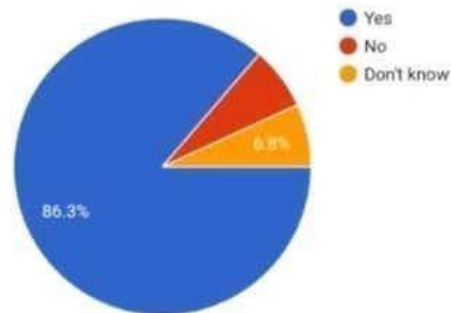
73 responses



Among all the participants 8.2% felt that communication with parent and children is not important before pit and fissure sealant application , 23.3% considered it important, while 68.5% had no idea about it.

2) Pit and Fissure sealant is a primordial prevention for dental caries ?

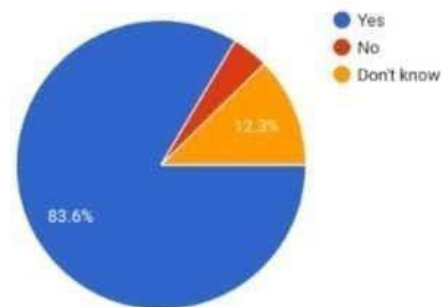
73 responses



Among all the participants 6.9% felt that pit and Fissure sealant is a primordial prevention for dental caries, 6.8% didn't know , while 86.3% agreed about it.

3) Pit and Fissure sealant application is indicated for deep fissures involvement?

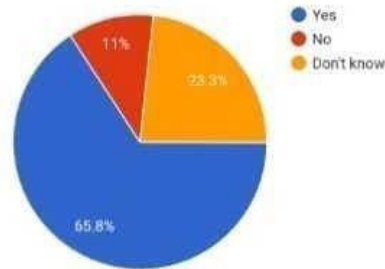
73 responses



Among all participants 4.1% did not consider deep fissures involvement as an indication of pit and Fissure sealant, 12.3% didn't know while 83.6% considered it as an indication for pit and fissure sealant application.

4) Isolation is an important step in success of Pit and Fissure sealant?

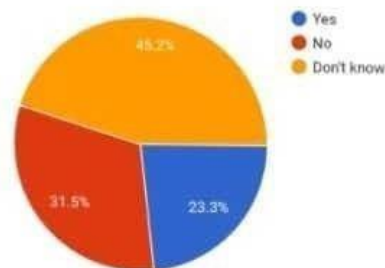
73 responses



Among all the participants 11% did not consider isolation as an important step in success of pit and fissure sealant, 23.3% didn't know while 65.8% considered it as an important step .

5) Self etching procedure helps to reduce application time ?

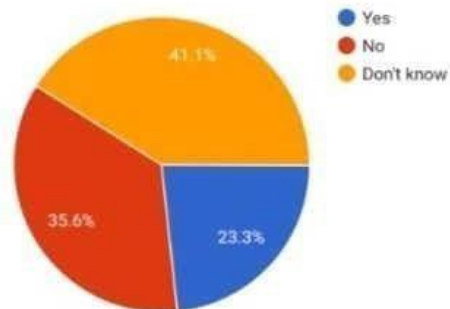
73 responses



23.3% considered that self etching procedure reduces application time of pit and Fissure sealant,31.5% did not agree to it while 45.2% were not aware about it.

6) Control of flow of sealant is easy during sealant application?

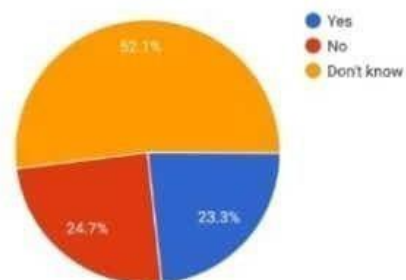
73 responses



23.3% participants felt that control of flow of sealant is easy during sealant application, 35.6% didn't agree to it while 41.1% had not idea about it.

7) Topical Fluoride is mandatory followed by Pit and Fissure sealant?

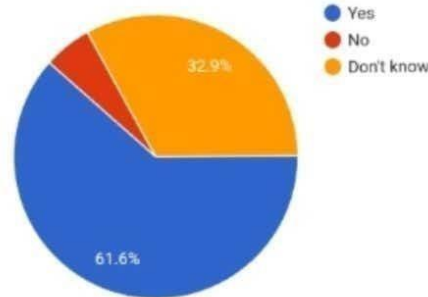
73 responses



Among all the participants 23.3% rated yes, 24.7% rated no while 52.1% didn't know if topical Fluoride is mandatory followed by Pit and Fissure sealant application.

8) Success of Pit and Fissure sealant depends on its retention?

73 responses



Among all the participants 5.5% felt that success of pit and Fissure sealant did not depend on its retention, 32.9% didn't know about it while 61.6% felt that its success depends on its retention.

Actionable points:

- Communication with parent and children
- Self etching
- Isolation reinforcement

Action Taken:

- Sessions and workshops were conducted for parents and children explaining the benefits ,procedure and importance of pit and fissure sealants.
- Practical demonstrations of self etching technique were conducted so that participants can see the procedure in action and understand it's impact on application time.
- Students were trained to develop psychomotor skills of preparing cotton rolls.

Dr Pritesh Gawali
Coordinator

D Y Patil Dental School

Dr Anand Shigti
DEAN

D Y Patil Dental School

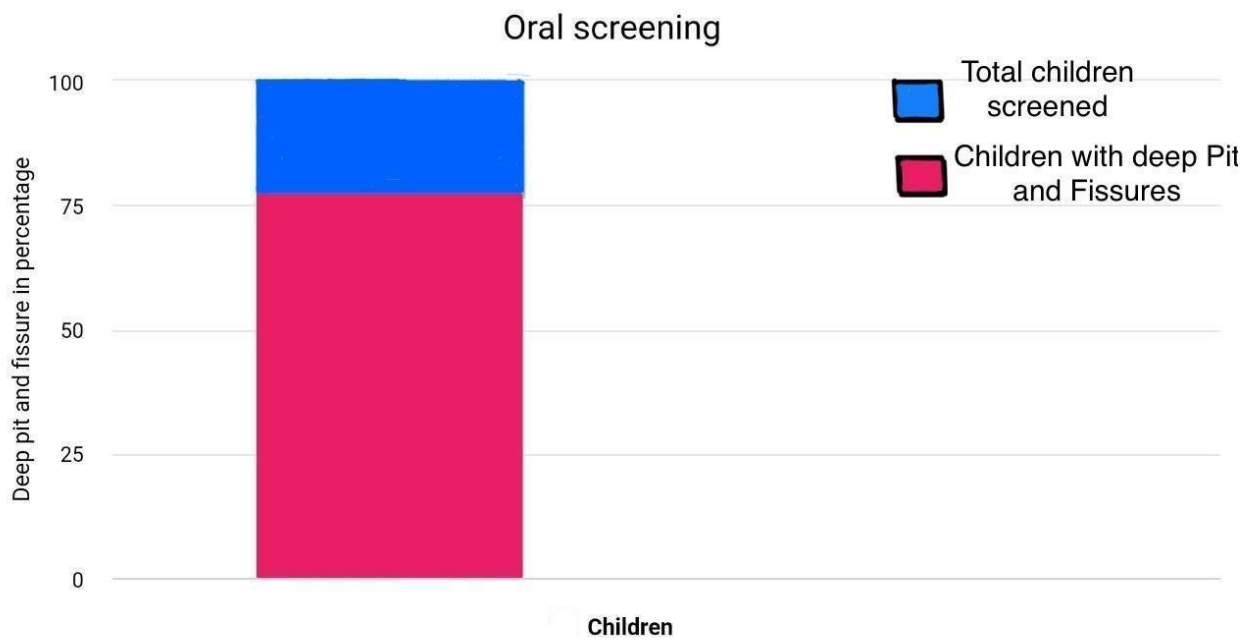


GRAPHS

Oral health screening for children

Total of 2000 were screened and it was noticed that 1512 (75.6%) children possessed deep Pits and Fissures and required Pit and fissures sealant application.

Out of total Children, 75.6% possessed Deep Pit and Fissures



Clinical image of pit and fissures



Pit and Fissures Sealant Application

