

**WORLD SLEEP DAY ACTIVITIES-SREE CHITRA TIRUNAL INSTITUTE FOR
MEDICAL SCIENCES AND TECHNOLOGY,TRIVANDRUM-11,INDIA**

Comprehensive Centre for Sleep disorders, Department of Neurology, Division of Sleep research, Biomedical Technology Wing and Nursing Division, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum celebrated World Sleep day on March 17, 2023 with a public interactive program at Auditorium -2 of the hospital. The program was presided by the Director of the Institute Dr Sanjay Behari, who spoke in length about the significance of third Friday of March in relation to the ancient wisdom and Astronomy-the auspicious day of spring equinox, when day and night are of exactly same length, which marks the auspicious beginning of spring across the country and the world shifts from the slumber of winter to the bright colours and vibrancy of spring. He spoke on the recent advances in understanding of sleep and need for more research on the subject in our scenario.

Dr Kamalesh K Gulia, Scientist of the Division of Sleep research with special research interest in neurodevelopmental outcome and autonomic nervous system maturation in association with sleep in pregnancy spoke about the importance of World sleep day in the current times, with increasing use of gadgets, sleep deprivation and stressful lifestyle.

A poster competition on the theme "Sleep is essential for Health" was held for the staff and students of the Institute and the prizes were distributed on the ceremony along with display of the posters in the patient waiting areas. Dr Kamalesh K Gulia, Scientist who had authored a book on healthy sleep for children released a copy on the occasion. Mrs Nirmala M O, Nursing Superintendent felicitated the function. It was followed by a series of health talks covering different aspects of sleep-sleep and brain health by Dr Sapna Erat Sreedharan, Sleep as a public health problem by Dr Raviprasad Varma and Sleep and cardiac health by Dr Narayanan Namboodiri.

One of the patients of the Sleep clinic Mr Davis spoke about his long journey with obstructive sleep apnea, how it affected his night sleep and risk factor control and how it was managed. This was followed by distribution of 2 CPAP machines to our needy patients donated by a patient, who was diagnosed with OSA and had benefitted from CPAP therapy.

The program was attended by over 60 people, which included patients, their caregivers, staff and students of Sree Chitra Tirunal Institute for Medical Sciences and Technology and concluded with a dance-skit performance by Cardiac and Neuronursing students of the Institute on the theme of World Sleep day.

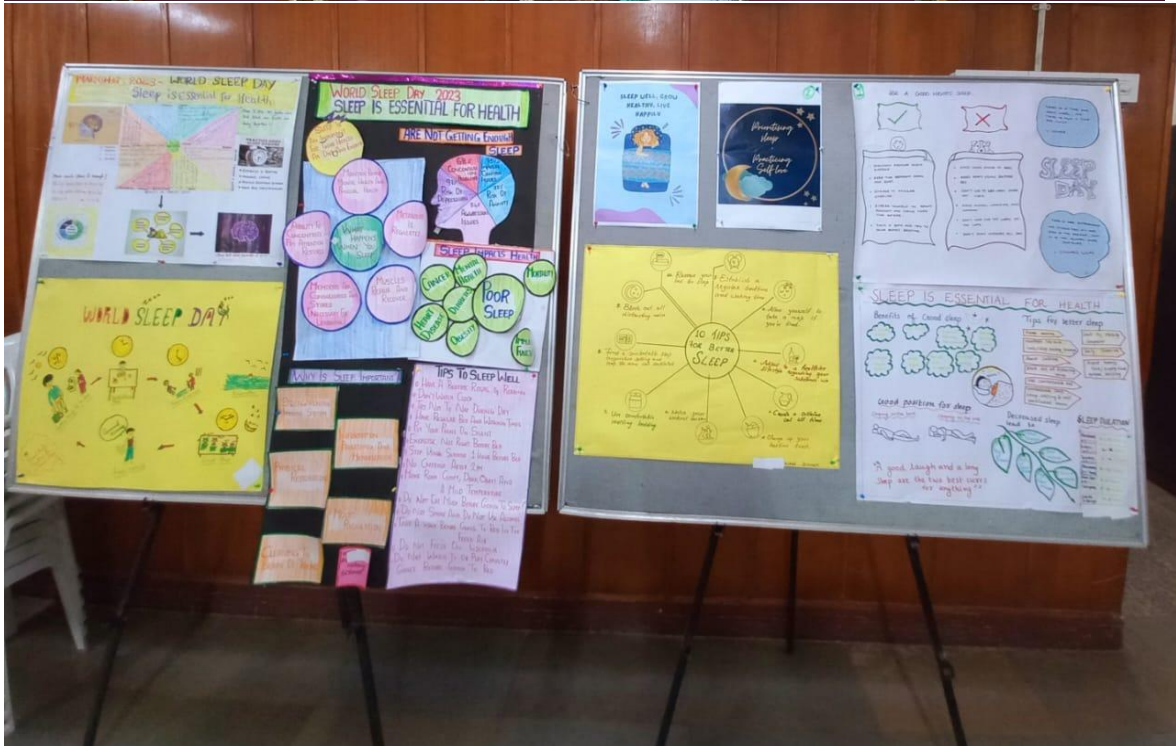












SLEEP WELL, GROW HEALTHY, LIVE HAPPILY

Practising Sleep

Practising Self-love

GET A GOOD NIGHT'S SLEEP

DO

- Establish regular sleep schedule
- Keep your bedroom dark and quiet
- Exercise on regular schedule
- Avoid caffeine in the evening and alcohol before bed
- Take a warm bath 1-2 hours before bedtime

DO NOT

- Drink alcohol before bed
- Use heavy-duty bedsheet or blanket
- Don't eat too late or eat too much
- Use electronic devices before bed
- Don't take too many pills at one time
- Don't stay up too late

10 TIPS FOR BETTER SLEEP

1. Block out all interfering noise
2. Turn a comfortable sleep temperature setting and keep the room well ventilated
3. Use comfortable bedding
4. Relax your mind and body
5. Establish a regular bedtime and waking time
6. Allow yourself to take a nap if you're tired
7. Avoid a heavy meal 2-3 hours before bedtime
8. Avoid a caffeine intake after 4 PM
9. Change your bedsheet weekly
10. Practice deep breathing exercises

SLEEP IS ESSENTIAL FOR HEALTH

Benefits of Good Sleep

- Improves memory
- Boosts immune system
- Reduces stress
- Improves mood
- Enhances cognitive function
- Promotes heart health
- Regulates blood sugar
- Supports weight management
- Improves skin health
- Enhances overall well-being

Tips for better sleep

- Sleep in a dark, quiet room
- Avoid caffeine and alcohol before bed
- Establish a consistent sleep schedule
- Use white noise or earplugs
- Practice relaxation techniques like deep breathing
- Avoid screens before bed
- Use comfortable bedding
- Keep your bedroom cool and well-ventilated

Good position for sleep

• Side sleeping: Good for breathing and circulation.

• Back sleeping: Good for spine alignment.

Decreased sleep leads to:

- Depression
- Anxiety
- Obesity
- Diabetes
- Heart disease
- High blood pressure
- Stroke
- Dementia
- Weakened immune system
- Poor skin health
- Increased risk of accidents

SLEEP DURATION

Age Group	Recommended Sleep Duration
Newborns (0-3 months)	14-17 hours
Infants (3-11 months)	12-15 hours
Toddlers (1-2 years)	11-14 hours
Preschoolers (3-5 years)	10-13 hours
School-age children (6-13 years)	9-12 hours
Teenagers (14-17 years)	8-10 hours
Young adults (18-25 years)	7-9 hours
Adults (26-64 years)	7-9 hours
Elderly (65+ years)	7-8 hours

"A good laugh and a long sleep are the two best cures for anything."

MARCH 17, 2023 - WORLD SLEEP DAY

Sleep is essential for Health

How much sleep do you need?

- 18-20 years old: 8-10 hours
- 18-24 years old: 7-9 hours
- 25-34 years old: 7-9 hours
- 35-44 years old: 7-9 hours
- 45-54 years old: 7-9 hours
- 55-64 years old: 7-9 hours
- 65+ years old: 7-8 hours

WORLD SLEEP DAY 2023

SLEEP IS ESSENTIAL FOR HEALTH

ARE NOT GETTING ENOUGH SLEEP

- 68% CONCENTRATE MORE
- 9% PROBLEMS
- 10% IMPROVE COGNITIVE ISSUES
- 5% RISK OF DEPRESSION
- 5% RISK OF DEPRESSION ISSUES
- 5% RISK OF DEPRESSION

SLEEP IMPACTS HEALTH

- METABOLISM IS REGULATED
- MUSCLES REPAIR AND RECOVER
- IMMUNE FUNCTION
- POOR SLEEP
- MORTALITY
- CANCER
- ALZHEIMER DISEASE
- DIABETES
- OBESITY
- MENTAL HEALTH

WHY IS SLEEP IMPORTANT?

- STRENGTHENING IMMUNE SYSTEM
- PHYSICAL RESTORATION
- CLEARING THE BRAIN OF TOXINS
- MOOD REGULATION
- REGULATING APPETITE
- REGULATING BLOOD PRESSURE

TIPS TO SLEEP WELL

- Have a bedtime ritual to remain consistent
- Don't watch TV or use electronics before bed
- Avoid caffeine and alcohol before bed
- Exercise regularly but not too close to bedtime
- Avoid screens 1 hour before bed
- No caffeine after 2 PM
- Make room comfy, dark, cool and a mild temperature
- Do not eat much before going to sleep
- Do not smoke and do not use alcohol
- Take a warm bath before going to bed to help relax
- Do not focus on insomnia
- Do not watch TV or play computer games before going to bed

WORLD SLEEP DAY

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