

Jawaharlal Nehru Medical College, Belagavi : Studio

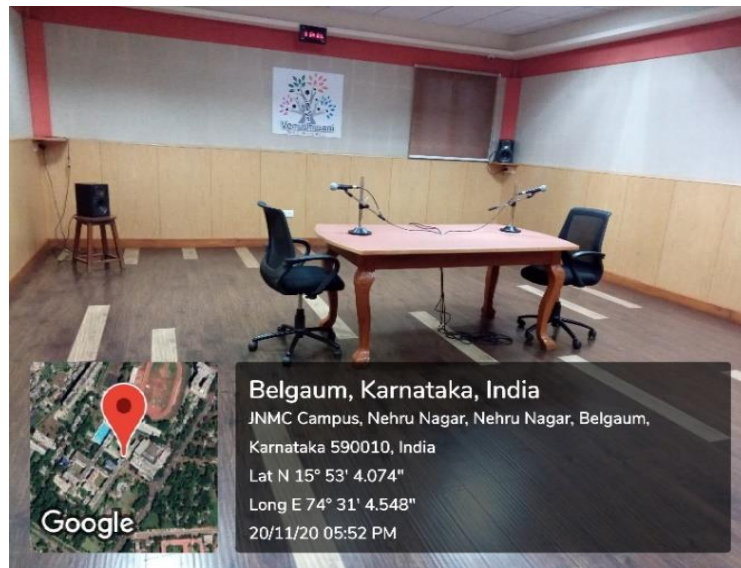
Jawaharlal Nehru Medical College, Belagavi
– Venu dhvani



Venu dhvani



Venu dhvani – studio

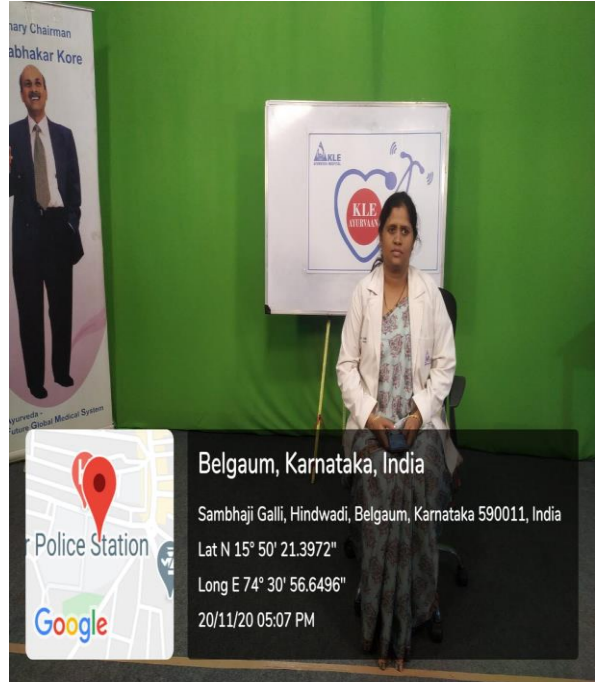


K L E Shri B M Kankanwadi Ayurveda Mahavidhyalaya, Belagavi - Studio



Belagavi, Karnataka, India
 47, Meerapur Gulli, Vodagaon, Belagavi, Karnataka 590003, India
 Lat N 15° 50' 21.3612"
 Long E 74° 30' 56.6172"
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K L E Shri B M Kankanwadi Ayurveda Mahavidhyalaya, Belagavi - Studio

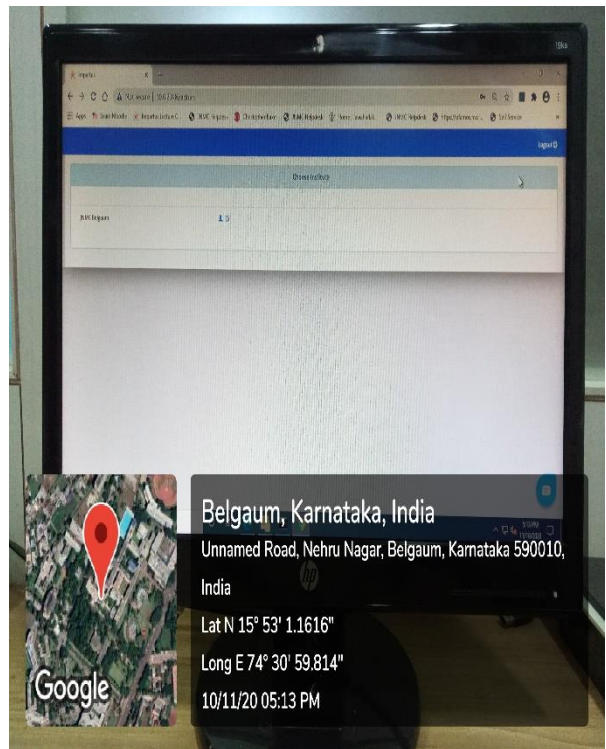


Belgaum, Karnataka, India
 Sambhaji Galli, Hindwadi, Belgaum, Karnataka 590011, India
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IMPARTUS Login Photo



Belgaum, Karnataka, India
 Unnamed Road, Nehru Nagar, Belgaum, Karnataka 590010, India
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ID	STN	MEM	Subject	Category	Practical	Top	Date	Status
D	324656	173249	Bioprocess Tech.	Pharmacokinetics I	Ph. Chiba, Nagata	No Top Content	31st Jan 2020 12:20:49 (12:48 AM)	Available
D	323179	173256	Biotechnology	Pharmacokinetics I	M. Prasad, S. Ravi	No Top Content	18th Jan 2020 15:00:04 (1:00 AM)	Available
D	323277	173248	Bioprocess Tech.	Pharmacokinetics I	M. Prasad, S. Ravi	No Top Content	20th Jan 2020 09:53:42 (10:08 AM)	Available
D	323170	173254	Biotechnology	Pharmacokinetics I	Srinivas, Puri	No Top Content	27th Jan 2020 09:15:45 (9:15 AM)	Available
D	323228	173248	Bioprocess Tech.	Pharmacokinetics I	CA. D. Prasad, S. Ravi	No Top Content	19th Jan 2020 23:00:00 (11:00 PM)	Available
D	323273	173252	Bioprocess Tech.	Pharmacokinetics I	Dr. S. Ravi, S. Ravi	No Top Content	20th Jan 2020 09:22:42 (9:22 AM)	Available
D	324656	173249	Bioprocess Tech.	Pharmacokinetics I	Ph. Chiba, Nagata	No Top Content	31st Jan 2020 12:20:49 (12:48 AM)	Available
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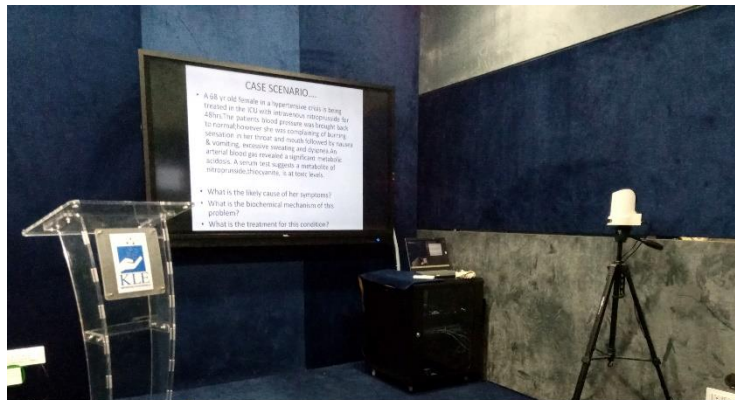
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Mechanism of breathing

- Removes oxygen pressure gradient
- Interrelationship among pressures inside & outside the lungs is important in ventilation
- Three different pressures are:
 - Atmospheric pressure
 - Intra-alveolar/intrapulmonary pressure
 - Intrapleural pressure

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Recording Studio



CASE SCENARIO

- A 68 yr old female in a hypertensive crisis is being treated in the ICU with intravenous nitroglycerine for 48hrs. The patient's blood pressure was being kept to normal however she was complaining of lightheadedness in her trunk and neck followed by nausea & vomiting, weakness, sweating, and dizziness. Arterial blood gas revealed a significant metabolic acidosis. A further lab suggests a metabolite of nitroglycerine. Chocoma is at low levels.
- What is the likely cause of her symptoms?
- What is the biochemical mechanism of this problem?
- What is the treatment for this condition?

KLES Dr Prabhakar Kore Hospital & MRC
KLE H-1
VGM8+FJ7, Nehru Nagar, Belagavi, Karnataka 590010, India

	Decimal	DMS
Latitude	15.883576	15°53'0" N
Longitude	74.516401	74°30'59" E

2022-03-03(Thu) 15:58



Oxidation of foodstuffs in three stages

Primary metabolism (glycolysis)
Secondary metabolism (TCA Cycle)
Tertiary metabolism (ETC)

Carbohydrates → glucose → Pyruvate → Acetyl-CoA → Citrate → Oxidative Phosphorylation → ATP

Lipids → Fatty acid → Acetyl-CoA → Citrate → Oxidative Phosphorylation → ATP

Proteins → Amino acids → Acetyl-CoA → Citrate → Oxidative Phosphorylation → ATP

ATP → Energy for cellular processes

