

COMMON PROBLEMS/DANGER SIGNS









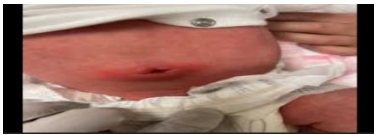
INTRODUCTION:-

Common problems are frequently seen in low birth weight babies and very life-threatening signs are present in low birth weight babies.

Having danger signs in newborns means a serious illness.

Danger signs in the newborn often comes early in death. Therefore, early detection and treatment of the cause increases the rate of survival.

COMMON PROBLEMS IN LOW BIRTH WEIGHT BABIES AND THEIR MANAGEMENT:

SR. NO.	COMPLICATION	MANAGEMENT
1.	Jaundice appears on the baby's face and chest in three days after birth 	<ol style="list-style-type: none"> 1. Explaining to the mother and relatives that this is due to physical changes. 2. The newborn baby should be kept in the morning sunlight for some time. 3. Give the kangaroo mother care. 4. There is no restriction in the mother's diet.
2.	Low birth weight babies have less ability to suck milk. 	<ol style="list-style-type: none"> 1. Expressed milk should be given to the baby by spoon-fed. 2. Continuous kangaroo mother care should be provided. 
3.	The baby does not gain weight for the first three days. 	<ol style="list-style-type: none"> 1. Check the baby's weight again and again and if it is not gaining, advise to admit the baby in hospital. 
4.	Oral inflammation 	<ol style="list-style-type: none"> 1. A half dose (0.25%) of injection violet should be applied every 6 hours until the inflammation heals. 2. Helping the mother to clean the stomatitis with salt water by wrapping the fingers with a clean cloth.
5.	Skin folds 	<ol style="list-style-type: none"> 1. skin should be kept clean and dry, junction violet 0.5% or bithidine should be applied every 6 hours. After three days after normal treatment, if the foreskin does not heal and there is pus in it, then the baby should be given a micro-disinfectant.
6.	Eye discharge 	<ol style="list-style-type: none"> 1. Clean the eyes with clean water. 2. If there is no improvement after three days, tetracycline / chloramphenicol / penicillin ointment should be applied to both eyes every 8 hours.
7.	Umbilical cord redness 	<ol style="list-style-type: none"> 1. Clean with normal saline. 2. keep dry. 3. If there is no improvement in three days, Nuvosprin powder should be added.

SIGN AND SYMPTOMS OF LOW BIRTH WEIGHT BABIES

1. The weight is less than 2.5 gm and length is usually less than 44 cm.



2. Head and abdomen are relatively large, skull bones are soft with wide sutures and post fontanels



3. Eyes are kept closed.



4. Skin is read shinny/ lack of subcutaneous fat.



5. Lethargic and inactivity, poor cough reflex.



6. Difficulties in feeding.














7. Plantar creases are not visible.
8. Pinnae of ear are soft and flat.
9. In males, Testicles are undescended, in females, labia minora are exposed because labia majora in contact.

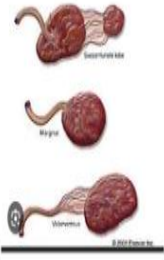
NEEDS AND PROBLEMS OF LOW BIRTH WEIGHT BABIES

All newborns need to be cared for. But low birth weight babies need special care. Special needs include warmth, regular breathing, proper nutrition, physical and emotional support, and Preventing infection at birth and taking care of umbilical cord.

LIST OF THE NEEDS, PROBLEMS AND PREVENTIVE MEASURES OF LOW BIRTH WEIGHT BABIES

SR. NO.	NEEDS	PROBLEMS	PREVENTIVE MEASURES
1.	Warmth 	Baby chills 	<ol style="list-style-type: none"> 1. Kangaroo Mother Care 2. Bathing after 24 hours after birth. 3. Cover the baby's head. 
2.	Respiratory function 	<ol style="list-style-type: none"> 1. Suffocation 2. Respiratory arrest 	<ol style="list-style-type: none"> 1. Stimulation for respiration 2. Monitoring respiration. 3. Apply resuscitation if necessary. 
3.	Diet 	Low blood sugar level 	<ol style="list-style-type: none"> 1. Exclusive Breastfeeding. 2. Increased stimulation of breast milk from Kangaroo Mother Care. 
4.	Infection	Pus formation into the wound	<ol style="list-style-type: none"> 1. Handwashing is essential for before touching/handling the baby. 2. Infected babies Should be kept away from normal babies. 
5.	Identification of infection	<ol style="list-style-type: none"> 1. Feeding difficulties 2. Fever 3. Changes in skin colour 	<ol style="list-style-type: none"> 4. Early identification and treatment 5. Kangaroo mother care 6. Mental and physical support should be given 7. Family support
6.	Low birth weight babies regular needs	Jaundice 	<ol style="list-style-type: none"> 1. Low birth weight babies stays yellow longer than strong/ normal babies. 2. If jaundice occurs within 24 hours of birth or within 2 weeks and other danger sign appear then baby should be sent to higher facilities available hospital. 3. Breastfeeding should be given to every two hours it reduces the amount of jaundice in the stool.

3. Cord abnormalities



SUMMARY:-

A detailed analysis will help mothers to understand the causes of low birth weight babies as well as its various methods

4. Placental abnormalities



CONCLUSION:-

They understand the information about the care of low birth weight babies and they will understand this information in their next life during their next pregnancy or to their relatives and thus they can avoid the birth of low birth weight babies.

5. Placental infection



6. Low placental circulation



7. Earlier placental separation



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CARE OF LOW BIRTH WEIGHT BABIES

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INTRODUCTION:-

There is no greater good in all the world than motherhood. The birth weight of an infant is the single most important determinant of its chances of survival, growth and development. The new born health challenge faced by India is bigger than that experienced by any other country. Currently for every minute three neonates are dying in India and every fourth baby born is low birth weight. Maternal factors are the most important causes responsible for reduced birth weight in developing nations.

DEFINITION:-

Low birth weight baby is defined as one whose birth weight is less than 2500 gms irrespective of gestational age.

_____ World Health Organization

CLASSIFICATION OF WEIGHT

ACCORDING TO SEVERITY:-

1. Low birth weight baby:- less than 2.5 kg
2. Very Low birth weight baby:- less than 1.5 kg
3. Extreme Low birth weight baby:- less than 1.0 kg

ACCORDING TO GESTATIONAL AGE:-

1. Preterm:- babies born before 32 weeks of gestational age.
2. Small for gestational age:- babies born before 36 weeks of gestational age.

MATERNAL CAUSES

1. Maternal malnutrition
2. Poverty
3. Multiple pregnancy



4. Elderly gravid

5. Illiteracy

6. Chronic medical illness



7. Hypertension



8. Infection during pregnancy



9. Drugs (drinks, cigarrates)



10. Stress



11. Family planning



FETAL CAUSES:-

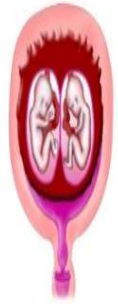
1. Genetic disorders



2. Infection to fetus



3. Multiple gestation

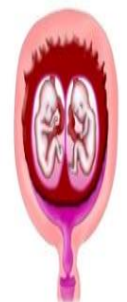


PLACENTAL CAUSES

1. Placenta previa/ abruptio



2. Multiple pregnancy



List of Research Project U.G (Completed)2023-24

Sr.no	Title of Research Project	Principal Investigation	Name of Guide
1.	A study to assess the knowledge & attitude regarding CABG Client among nurses of selected hospital.	Ms.Rushali pardeshi Ms.shradha nikkam Ms.Ishwari sanap Mr.Rushikesh sagade Mr.kalpesh ugale	Mr.Nitin Nirmal
2.	Effectiveness of structured teaching programme on knowledge regarding Anorexia nervosa among Adolescent girls.	Mr.Suraj Gudalod Ms. pratiksha Jadhav Mr. Chandrakant hinge Ms. Jayshree jagtap	Ms.pallavi kharade
3	Study to assess the knowledge and attitude regarding care of Dementia client among the adolescent in selected rural area.	Mr.Akash kapse Mr.kartikswami kale Ms.Vaishnavi korande Mr.prashant kale Mr.Rushikesh khadse	Mr.stephen bhambal
4	Effectiveness of patient information pamphlet on knowledge of mother regarding selected aspect of careof neonatal with jaundice admitted in dr.vithalrao Vikhe patil memorial hospital viladghat .	Mr.Nageshwar Sarode Mr.Kunal Sasane Ms.Sania shaikh Mr.Mangesh shinde Mr.sudhilkumar waghmare	Ms.salomi teldhune

List of Research Project P.G (complete)2023-24

Sr.no	Title of Research Project	Principal Investigation	Name of Guide
1	A cross sectional study to explore post covid -19 health issues faced by the clients who suffered from covid-19 at selected city, in a view to develop resource material on post covid-19 care.	Ms. Tejal Sominath Garje	Dr. pratibha chandekar
2	Effectiveness of self-instructional module on knowledge and practice regarding biomedical waste management among lab technician of selected laboratories at selected city.	Mr. ganesh haribhau gholap	Dr. pratibha chandekar
3	Effect of planned teaching on knowledge and practice regarding prevention of health hazards related online activities among students in selected area.	Mr. shubham uttam lande	Dr. pratibha chandekar
4	Comparative Study on Blended Versus Traditional Teaching Method on Knowledge Regarding III Effects of Junk Food Among Adolescent in Selected Colleges	Mr. Jitendra Abhimanyu Ghate	Prof. Dr. Yogita Autde
5	To Determine the Factors Influencing Delayed Health Care Seeking Behavior Among Cancer Patient in Selected City in A View to Develop Health Information Booklet	Ms. Kiran Sonawane	Dr. Yogita Autde
6	Assess the knowledge regarding conduct disorder among teachers of primary schools of selected city.	Ms. Komal Kashinath Raut	Mr. Amit kadu
7	study to assess the quality of life among care takers of cerebral palsy client attending OPD at selected hospital.	Mr. Nayan Raosaheb Gaikwad	Mr. Amit kadu
8	Effectiveness of self-instructional module on knowledge regarding home care management of dementia among peoples residing in rural setting.	Ms. Priyanka Sunil Mirpagar	Mr. Amit kadu
9	Study to assess the level Nomophobia and mental health status at the workplace among nursing professionals at selected nursing institute.	Ms. Nayan Sadanand Waghmare	Mr. Amit kadu
10	A study to compare the level of depression among	Ms. Mandakini	Mr. Amit kadu

11	A study on level of anxiety among preoperative orthopaedic patients & their family members in selected hospital.	Ms.Manali eknath gaikwad	Mr. Amit kadu
12	Effectiveness of psycho-social intervention on behavioral problems among elderly peoples of selected old age home.	Mr.Nitin balasaheb bhade	Mr. Amit kadu
13	Effectiveness of health education program on post COVID-19 mental health issues among covid-19 survivors in selected settings.	Mr.shilpa dadu patekar	Mr. Amit kadu
14	A comparative study assess the knowledge of anorexia nervosa among adolescent girls in selected rural and urban area of selected city.	Ms.pradnya Mukund wankhede	Mr. Amit kadu
15	Study to assess the effectiveness of structure teaching programme on knowledge regarding prevention of selected communicable disease among peoples living in selected rural area.	Mr. Anosh Ratnakar amolik	Mr.Amol Shelke
16	Effect of recovery regimen on physiological variable among postoperative cardiac surgery patient at selected hospital.	Ms.Shivani Ashok Kamble	Mr. Amol Temkar
17	Effect of Shotblocker on Pain Level During Intramuscular Injection Among Patient at Selected Hospital	Ms.Shital Thorat	Mr. Amol Temkar
18	A Study to Evaluate Effectiveness of Care Bundle on Prevention of Ventilator Associated Pneumonia Among Patient on Incubation at Selected Hospitals	Ms.Milka Giri	Mrs.Pallavi Kolapkar
19	A Study to Assess the Immediate Effect of Breathing Exercises on Selected Respiratory Parameters Among Patient with Restrictive Respiratory Disorders at Selected Hospital of the city	Mr.Rahul Bhusal	Mrs.Pallavi Kolapkar
20	A Study to assess the knowledge and attitude towards nurses led clinic among staff nurses at selected hospital	Ms. Diksha Mane	Mrs.Arti Jadhav
21	Effectiveness of self instructional module on knowledge Regarding Childbearing Process Among Primigravida Women Attending Antenatal OPD in selected hospital	Ms. Asmita Jadhav	Ms. Mohini Sonawane
22	Effectiveness of Health Education Package on Knowledge and Practice Regarding Care of Low Birth Weight Babies Among Postnatal Mother at Selected Hospital of City	Ms. Diksha Kalel	Ms. Kavita Bhoknal
23	Effectiveness of Information Booklet on knowledge and attitude regarding umbilical cord blood banking among expectant parents attending selected tertiary care hospital in the city	Ms. Swapnila popat Gavhane	Ms. Salome Teldhune

24	Effectiveness of positive parenting program on knowledge regarding prevention of behavioural problems in children among mothers of pre-schoolers residing at selected area of the city	Ms. Anjusneha C K	Ms. Salome Teldhune
25	Effectiveness of Structured Teaching program on knowledge and practice regarding selected child to child care activities among school children in selected school of the city	Mr. Chetan Mapari	Ms. Salome Teldhune



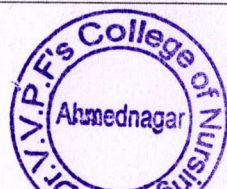
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List of Research Project P.G (Ongoing)2023-24

Sr.no	Title of Research Project	Principal Investigation	Name of Guide
1	Assessment of sleep quality and its associated factor among adolescents of selected colleges.	Mr.Ravinfra bhalchandra satkar	Prof.Dr. pratibha chandekar
2	Effectiveness of coping intervention on care burden and coping strategies among the caregivers of cancer patients receiving palliative care at home.	Ms.Prianka anil gaikwad	Prof.Dr. pratibha chandekar
3	Assess the knowledge and attitude of student nurses regarding baby friendly hospital initiative (BFHI)at selected colleges in a view to develop information booklet".	Ms.Komal Vikrant Kharat	Ms.Salome teldhune
4	Effectiveness of first aid training program on knowledge and practices regarding management of convulsion among teachers working in selected primary school.	Ms.Chitra Kakasaheb Sagalgile	Ms.Salome teldhune
5	Effect of information booklet on knowledge and practices among postnatal mothers regarding prevention and management of neonatal hypothermia in selected hospital.	Ms.Shital Ramdas joshi	Ms.Salome teldhune
6	A study to evaluate effectiveness of self instructional module on knowledge and practice regarding phototherapy in the treatment for neonatal jaundice among nursing students of selected college.	Mr.Nikhil Gokul Kharde	Mr.Manish Tadke
7	"Effectiveness of training program on the knowledge and practices regarding selected pain management techniques during childhood vaccination among student nurses of selected college"	Mr.Akshay Dilip More	Mr.Manish Tadke
8	Effectiveness of health education program on knowledge and practice of parents regarding prevention of dental carries among preschoolers in selected rural area.	Ms.Radhika Subhash Jadhav	Mr.Manish Tadke
9	Study to assess the lived experiences and psychosocial	Mr.Avishkar	Mr.Nitin Nirmal

	therapy in selected hospital.	Bidwe	
10	Effectiveness of structure teaching program on knowledge,attitude and myths regarding mental illness among peoples residing in selected rural area.	Mr.sachin dhavse	Mr.Nitin Nirmal
11	A study to assess the psychiatric morbidity among elderly peoples residing in selected urban area.	Mr.Narayan shadev pawar	Mr.Nitin Nirmal
12	Assess the cognitive function and activities of daily living (ALD) among elderly peoples with chronic diseases admitted in selected hospital	Mr.Harshal Govind Parvat	Mr.Nitin Nirmal
13	Assess the level of anxiety among the patient undergoing CABG surgery in view to developed information booklet to reduce anxiety at selected tertiary care hospital	Mr.Rushikesh Ganesh Pardeshi	Mr.Nitin Nirmal
14	“Effect of psycho education onknowledge and attitude regarding Electro convulsive therapy among caretaker of mentally ill patient admitted in psychiatric unit at selected hospital”	Mr.Kishor Shivaji Gadadhe	Mr.Nitin Nirmal
15	Assess the effectiveness of structured teaching programme on knowledge regarding postpartum psychosis among antenatal mothers admitted in antenatal unit at selected hospital	Mr. Imran Mansur Sayyad	Mr.Nitin Nirmal
16	Effect of psycho-education onknowledge regarding cognitive skill developmental problem among parents of intellectual disability children’s enrolled at special school of selected city	Mr.Joy Jerry Gaikwad	Mr.Nitin Nirmal
17	Assess the level of anxiety and coping strategies of chronic kidney disease(CKD)patient visiting to hemodialysis center of selected city.	Mr.Gokul Haushabapu Khemnar	Mr.Amit kadu
18	Assess the Quality of life among person with dementia in old age homeof selected city	Mr.Suresh Anil Rathod	Mr.Amit kadu
19	“Assess the behavior,speech & communication problems among mild to moderate intellectual disability children’s at special school of selected city.in view to develop information booklet.	Mr.Suyash Sanjay Vanjare	Mr.Amit kadu
20	Assess psychological status among skin disorder client attending skin OPD in selected hospital.	Mr.Akash Vilas Sawant	Mr.Amit kadu
21	Study to assess the knowledge and practice on diabetic foot care among diabetic patients admitted inselected hospital	Mr.Shrikant Manik Chavan	Mr.Amol .c.Temkar
22	Effectiveness of structured teaching program on knowledge regarding LASA(look-alike and sound - alike)drug among IVth semester B.Sc. Nursing students	Ms.Rajkannya prabhakar korde	Mrs.pallavi kolapkar

23	A study to assess the effectiveness of structured teaching programme on knowledge regarding lower back pain among teachers of selected secondary school.	Mr.Abhay Sakharam labade	Mr.Nilesh mhaske
24	Effectiveness on planned teaching programe on knowledge and practice regarding modifiable risk factors of patients undergone coronary artery bypass grafting(CABG) surgery in selected hospital	Mr.suhas sunil Bhosale	Mr.Nilesh mhaske
25	Effectiveness of mobile-based education on knowledge and practices regarding self-care activities among senior citizen with diabetic mellitus residing in selected rural area.	Mr.Tushar Ravidas Sable	Prof.Dr.yogita autade
26	Effectiveness of hygiene education program on knowledge and practice about Menstrual health hygiene management (MHHM) among early adolescent girls at selected school	Ms.kajal Prakash kharat	Prof.Dr.yogita autade
27	Impact of geriatric health care program on improving quality of life (QQL)among Geriatric in selected Rural Area	Mr.Manoj Devram Gaykhe	Prof.Dr.yogita autade
28	Effect of structured teaching program on knowledge regarding among housewives in selected rural area.	Mr.Dinesh Vithal Magar	Mr.Amol Shelke
29	Impact of an information booklet on knowledge regarding the prevention of urinary tract infection for antenatal women in a selected antenatal clinic	Ms. Lumbini Sanjay Dushing	Mrs.Kavita Bhoknal
30	Effectiveness of structured teaching program on knowledge and practice regarding Breast self-examination among first degree relative of breast cancer patients visiting to oncology O.P.D at selected hospital.	Ms.Sunita Bhagwat Magar	Mrs.Kavita Bhoknal
31	Effectiveness of health education package on knowlwdge regarding cervical cancer among womenin selectedcommunity area.	Mrs. Vidya Mahesh Kurhe	Mrs.Kavita Bhoknal
32	Effectiveness of video assisted module on knowledge and practice regarding self assessment of daily fetal movement count (DFMC) Among primigravida women in selected hospital	Ms.Shubhangi Ravindra Aarwade	Ms.Mohini Sonawane
33	A study ti assess the effectiveness of self instructionalmodule on knowledge and practice regarding kangaroo mother care among post natal mother's of low birth weight babies in selected hospital.	Ms.Mrunalini kacharu shinde	Ms.Mohini Sonawane
34	Effectiveness of formal training program on knowledge and attitude regarding consanguineous marriage among adolescents in selected higher secondary shool	Ms.Pratiksha Gautam Thokal	Ms.Mohini Sonawane



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