

Founded 1928

# MIMA NEWSLETTER

## INDIAN MEDICAL ASSOCIATION

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### MADURAI BRANCH

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Email : [imamaduraibranch@yahoo.in](mailto:imamaduraibranch@yahoo.in) Website : [www.imamaduraibranch.org](http://www.imamaduraibranch.org)



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MONTHLY NEWSLETTER

AUGUST 2021

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1st Aug-7th Aug World Breast Feeding Week | 1st Aug - 10th Aug National Cancer Week  
11th Aug - 17th Aug Organ Donor Week | 12th Aug - International Youth Day  
13th Aug - 18th Aug National Oral Health Day | 15th Aug Independence Day



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# OFFICE BEARERS - 2021

AUGUST 2021



**Dr. M. Amanullah**  
Hon. Secretary  
98947 64672



**Dr. R. Ravindran**  
President  
98944 12390



**Dr. R.R. Vijayakumar**  
Hony. Finance Secretary  
94434 39935



**Dr. R. Mahalingam**  
Vice President  
94434 56078



**Dr. N.J. Manivannan**  
Joint Secretary  
96292 54247



**Dr. V.N. Alagavenkatesan**  
Imm. Past President & President Elect  
97877 28505

## AUGUST MONTH PROGRAM

Date	Time	Subject	Speaker
13.08.2021	1.30 PM	COMMON PSYCHIATRIC PROBLEMS - DURING COVID & POST COVID	<b>Dr. V.K.Aravind</b> , M.D.(Psych), IFAPA(USA),
23.08.2021	4.00 PM	Drug Induced Endocrinopathies	<b>Dr. V. Kumaravel</b> , M.D., M.Sc.(Diab), DNB(Endo),
28.08.2021	4.00 PM	In Pneumococcal Disease Prevention - What is NEW?	<b>Dr. R. Mahalingam</b> , B.Sc., M.D., DCH.,

### Legal Consultants

Mr. C. Karthik 99942 66443  
Mr. Panner Selvam 97894 20006

### MAGAZINE COMMITTEE

Editor : **Dr. M. Amanullah**

Associate Editors : **Dr. N. Vijaya Sankaran**  
**Dr. R. Rajeev Ayyappan**

Members : **Dr. V. Kumaravel**  
**Dr. K. Arun, Dr. V.K. Aravind**

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**Dr. M. Amanullah**  
Hony. Secretary, Indian Medical Association  
No.1, Panagal Road, Madurai - 20.  
Cell : 0 98947 64672  
e-mail : dr.amanullah16@yahoo.com

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## President Message

AUGUST 2021 

*Dear Esteemed Members,  
Greetings!*

It gives me immense pleasure to write to you all as President through this column of MIMA Newsletter July issue.

Udayanam ends and Dakshinayanam begins and Aadi has already arrived. We are looking forward for a Good Monsoon this year and let us hope we do prosper.

It is heartening to note that our beloved secretary Dr.M.Amanullah was retrieved from the clutches of corona by the grace of God and has recovered to the extent of rededicating himself to the cause of our association. I, along with other office bearers including our Secretary, discussed in detail all current issues which are to be sorted out.

As you all know, we called for the nominations for the election of Building improvement committee. Dr.N.J.Manivannan, officiating Hony. Secretary (due to the indisposition of our secretary), helped me immensely to conduct the election. There were 22 nominations for 22 vacancies, all valid nominations, and hence all 22 were declared elected. Subsequently BIC meeting was held with new members under my Presidentship and Dr.M.Amanullah was elected as BIC Chairman, Dr.B.K.C.Mohanprasad as Secretary, Dr.P.Meenambal as Inventory officer and Dr.P.Vijayarathinam as Scrutiny officer. I am pleased to inform you that the election of office bearers was unanimous.

An online meeting of governing body was conducted on 28<sup>th</sup> July and various issues staring at us were deliberated, specifically regarding MIMA Newsletter. It was proposed by a few members for publication online news letter as adhoc measure due to the paucity of fundson account of poor utilization of our halls by the public, thanks to Covid 19 onslaught. But the Governing council ultimately favoured print edition and resolved accordingly.

It is a moment of gratification for me and Secetary when IMA South zone President Dr.Dhanapal and other state office bearers gratefully acknowledged our efforts “as a major contribution” towards Corona Action Relief Fund.

With united support from all quarters along with a profound sense of optimism we march forward once again to serve and rebuild our community.

*With Regards!*

Always in IMA Service

*R. Ravindran*

**(Dr. R. Ravindran)**





## Secretary's Report

I am extremely happy to contact all our beloved members through this column in this month of August as I was unlucky in the month of July.

I resumed my duty as the Hon. Secretary of our IMA after a break of about 40 days. As in the previous months I visited IMA everyday approximately at 1:30 pm.



- 12.07.2021 : The office bearers meeting was held on 12.07.21 at 5:00pm and Dr. B.K.C. Mohan Prasad, Chairman, NHB Madurai IMA was a special invitee. All the office bearers and special invitee attended. All paid tributes to late Dr. R. Ravindranath and one minute silence was observed as a mark of respect to the departed soul. We decided to conduct GB meeting on ZOOM platform and finalised the date of Building Improvement Committee meeting. Dr. V.N. Alagavenkatesan, President Elect, was requested by the Secretary to attend to all calls from members in the Whatsapp and try to solve all issues helping our members in their time of crisis. Dr. V.N. Alagavenkatesan gracefully accepted that.
- 18.07.2021 : 309th State Council Meeting was held in Madurai Heritage and many useful suggestions were put forward by our members.
- 24.07.2021 : Secretary attended the meeting of Standing Committees and IMA Care for Elderly wing on 24th July 2021 from 7:00 pm - 9:00 pm organised by IMA HQs in ZOOM.
- 27.07.2021 : Building Improvement Committee meeting was held in IMA at 5:00pm under the Presidentship of Dr. R. Ravindran, our President. All the newly elected members were invited through posts by President and election for the 4 posts namely Chairman, Secretary, Scrutinising Officer and Inventory Officer were elected on the floor by the President.
- 29.07.2021 : Governing Body meeting was held in ZOOM from 4:30pm to 5:20pm in our IMA. Important issues were discussed and 6 doctors names were recommended for the 'Padmashree' award of the Government of India as per the requisition letter given by our President Elect Dr. V.N. Alagavenkatesan.

*With Regards !*

Always in IMA Service

(Dr. M. Amanullah)



AUGUST 2021



# INDIAN MEDICAL ASSOCIATION

## Madurai Branch

### IMA Academic of Medical Specialists, Madurai.

*You are cordially invited for the Symposium of IMA AMS*

**COMMON PSYCHIATRIC PROBLEMS - DURING COVID & POST COVID**

Date : 13.08.2021, Friday ❖ Time : 1.30 PM ❖ Venue : IMA A/C Hall

## PROGRAMME

- 1.30 PM : Lunch
- 2.00 PM Prayer : **Dr. N.J. Manivannan**, Joint Secretary, IMA Madurai
- Welcome Address : **Dr. R. Ravindran**, President, IMA Madurai
- Reading of Minutes : **Dr. V.K. Aravind**, Secretary, IMA AMS, Madurai
- Introduction : **Prof. Dr. V. Amuthan**, Chairman, IMA AMS, TNSB & Madurai
- Chairperson : **Dr. O.R. Kumaran**, M.D.,  
Senior Consultant Physician,  
Apollo Hospital, Madurai.
- 2.15 PM Topic : **"COMMON PSYCHIATRIC PROBLEMS  
- DURING COVID & POST COVID"**
- Speaker : **Dr. V.K. Aravind**, M.D.(Psych), IFAPA(USA).,  
Ram Psychiatry Hospital, Madurai
- 2.45PM : Discussion
- Vote of Thanks : **Dr. M. Amanullah**, Hon. Secretary, IMA Madurai

Yours

**Dr. R. Ravindran**  
President

**Dr. M. Amanullah**  
Hon. Secretary

**Dr. V. Amuthan**  
Chairman, IMA AMS, Madurai

**Dr. J. Jebasingh**  
Co-Chairman, IMA AMS, Madurai

**Dr. V.K. Aravind**  
Secretary, IMA AMS, Madurai

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# INDIAN MEDICAL ASSOCIATION

AUGUST 2021 

## Madurai Branch

*You are cordially invited for the CME of*  
**“ENDOCRINOLOGY”**

Date : 23.08.2021, Monday ❖ Time : 4.00 PM, ❖ Venue : IMA A/C Hall

### PROGRAMME

4.00 PM : Tea

4.30 PM Prayer : **Dr. N.J. Manivannan**, Joint Secretary, IMA Madurai

Welcome Address : **Dr. R. Ravindran**, President, IMA Madurai

Reading of Minutes : **Dr. M. Amanullah**, Hon. Secretary, IMA Madurai

Chairperson : **Dr. R. Gobinath**, M.D., Senior Diabetologist, Madurai.

Topic : **“Drug Induced Endocrinopathies”**

Speaker : **Dr. V. Kumaravel**, M.D., M.Sc.(Diab.), DNB(Endo),  
Hony. Professor, IMA CGP and  
Director & Endocrinologist,  
Alpha Hospital, Madurai

Interaction

Vote of Thanks : **Dr. M. Amanullah**, Hon. Secretary, IMA Madurai

Yours

**Dr. R. Ravindran**  
President

**Dr. M. Amanullah**  
Hon. Secretary

**Dr. R.R. Vijayakumar**  
Hony. Finance Secretary

**Dr. V.N. Alagavenkatesan**  
President Elect & Imm. Past President

**Dr. R. Mahalingam**  
Vice President

**Dr. N.J. Manivannan**  
Joint Secretary

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# INDIAN MEDICAL ASSOCIATION

AUGUST 2021 

## Madurai Branch

*You are cordially invited for the CME of*

**“In Pneumococcal Disease Prevention - What is NEW?”**

**Date : 28.08.2021, Saturday ❖ Time : 4.00 PM ❖ Venue : IMA A/C Hall**

### PROGRAMME

4.00 PM : Tea

4.30 PM Prayer : **Dr. N.J. Manivannan**, Joint Secretary, IMA Madurai

Welcome Address : **Dr. R. Ravindran**, President, IMA Madurai

Reading of Minutes : **Dr. M. Amanullah**, Hon. Secretary, IMA Madurai

Chairperson : **Dr. S. Shanmugasundaram**, B.Sc., M.D., DCH.,

Topic : **“In Pneumococcal Disease Prevention - What is NEW?”**

Speaker : **Dr. R. Mahalingam**, B.Sc., M.D., DCH.,  
Sivajothi Nursing Home

Interaction

Vote of Thanks : **Dr. M. Amanullah**, Hon. Secretary, IMA Madurai

Yours

**Dr. R. Ravindran**  
President

**Dr. M. Amanullah**  
Hon. Secretary

**Dr. R.R. Vijayakumar**  
Hony. Finance Secretary

**Dr. V.N. Alagavenkatesan**  
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# உழைப்புகள் - ஊக்குவிப்புகள்

குழந்தையின்மை, பாலியல், மறைமுக பிரச்சனைகள் நூல்கள்-மூன்று முறை அரசு விருதும், தங்கபதக்கமும், சர்வதேச, விருதுகளும், காங்கிரஸ், தி.மு.க., எம்.ஜி.ஆர்., விருதுகளும், சென்னையில் மருத்துவமாமணி, கோவையில் சேவைச் சிகரம், மதுரையில் மதுரையின் மாத்ருபுதம் விருதும் பெற்ற பாலியல் நிபுணர் :டாக்டர் என்.என். கண்ணப்பன் - SEXOLOGY & S.T.D துறைகளில் 42 ஆண்டுகளுக்கு மேல்.



"போஸ் கமிஷனர் சிதம்பர சாமியின்" கௌரவிப்பு

பல ஆண்டுகால பொதுநல சேவைகளை பாராட்டி போஸ் கமிஷனரின் பாராட்டு. நடுவில் மதுரை மெல்லோட்ட மைய தலைவர் s. கதிரசேன்.



"போஸ் D.I.G. ஜாங்கிட்டின் கௌரவிப்பு"

பல ஆண்டுகால பாலியல் மருத்துவ சேவைகளை பாராட்டி மதுரை மெல்லோட்ட மையத்தில் காவல்துறை உயர் அதிகாரி திரு.ஜாங்கிட அவர்களின் பாராட்டும், கௌரவிப்பும்.



"போஸ் கமிஷனர் ராதாகிருஷ்ணின்" கௌரவிப்பு

பல்வேறு வகையான சேவைகளை பாராட்டு முகமாக கமிஷனரின் கௌரவிப்பு. அருகில் ஜனதாதள ஜான்மோசஸ், ரஜினி மன்ற தலைவர் பால தம்புராஜ், பல்கலை மன்னன் சுப.கண. வேலாயுதம், வழக்கறிஞர் சாமியுரை.



"போஸ் கமிஷனர் வாசு கணபதியின்" கௌரவிப்பு

பாரதி இலக்கிய மன்ற விழாவில் 'குப்பை கவிஞர்' உயர் போஸ் அதிகாரி வாசு கணபதியின் பாராட்டும், நினைவு பரிசும். நடுவில் மனிததேவீ ரா. சொக்கலிங்கம்.

**Dr. N.N. கண்ணப்பன், செக்ஸாலஜிஸ்ட்**  
**செக்ஸாலஜி கிளினிக்**

4, சர்வேயர் காலணி To மாட்டுதாவணி 120 அடி ரோடு, K. புதூர், மதுரை - 7.

- I.M.A. மதுரை கிளையில் முதல் ஆயுள் உறுப்பினர்.
- பாலியல் துறையில் 42 ஆண்டுகளுக்கு மேல்.
- அரிமா இயக்கத்தில் 40 ஆண்டுகளுக்கு மேல்.



## FROM THE EDITOR'S DESK

*Dear Esteemed members,  
Greetings!*

It gives me great pleasure to address you for the month of August as the Hony. Secretary of our branch. I must thank Dr. B.K.C. Mohan Prasad and the President and other office bearers of our branch for having given me courage and co-operation to continue my tenure as the Secretary of our branch.

It is quite relieving to see that the pandemic has been slowing down and we could find a tremendous decline in the number of cases per day all over the country except Kerala and Karnataka. We place it on record our appreciation for the State Government under the Chief Minister and Health Minister leading the war against COVID-19 quite successfully.

We have been instructed to do COVID-19 awareness campaign in Madurai district from the 1st to 7th August 2021. Our Joint Director of Medical and Rural Health Services Madurai at Usilampatti is taking great efforts to make the programme a most successful one. This shows that the health authorities continuous whole hearted fight against COVID-19 and want to keep the third wave at bay.

So, let us all join together shouldering our responsibilities in the war against COVID-19, never failing to keep our safety precautions and thus helping our nation from the third wave.

*Always in IMA Service*

(Dr. M. Amanullah)

## BUILDING IMPROVEMENT COMMITTEE MESSAGE

*Dear Esteemed members,  
Greetings!*

IMA Madurai branch Building Improvement Committee meeting was held on 4th Tuesday the 27th of July 2021 at 5:00pm in our IMAAC Hall under the Presidentship of our President Dr. R. Ravindran.

There was an election circular dated 1.7.2021. In that circular it is clearly mentioned that our bylaw with regard to the election,

1. Shall be elected from members of IMA Madurai branch after proper election notification.
2. There shall be one member for every 100 members of IMA Madurai branch.
3. Only Governing Body members with minimum 4 years Governing Body membership of IMA Madurai branch are eligible.
4. The Building Improvement Committee once elected they should elect one Chairman, one Secretary, one Scrutinising officer, and one Inventory officer among the elected members. Tenure of the Building Improvement Committee shall be 3 years.

The contesting members shall enclose a non-refundable deposit of Rs 2000/- for contesting the post along with the nomination form.

**Hence as per the election circular,**

1. Last date for nomination 21.07.2021, 5:00 p.m.
2. Last date for withdrawal 23.07.2021, 5:00 p.m.

Only 22 nominations were received and there was no withdrawal and therefore all were declared elected. So President sent the letter by post to all the 22 candidates informing them the Building Improvement Committee meeting to be held on 27.07.2021.

In the Building Improvement Committee meeting held on 27.07.2021, President conducted the election for the 4 office bearers.

**Chairman : Dr. M. Amanullah**

**Secretary : Dr. B.K.C. Mohan Prasad**

**Scrutinising Officer : Dr. P. Vijayarathinam**

**Inventory Officer : Dr. P. Meenambal**

All the office bearers were elected unanimously. IMA Finance Secretary Dr. R.R. Vijayakumar submitted the financial statement for the month of June 2021 and it was approved unanimously. Dr. P. Vijayarathinam read the minutes of the previous month meeting and it was approved unanimously. Dr. P. Chidambaram, Dr. B.K.C. Mohan Prasad addressed the audience.

**With Regards!**

Dr. V.N. Alagavankatesan  
Dr. V. Amuthan  
Dr. V.K. Aravind  
Dr. K. Arun  
Dr. M. Chidambaram  
Dr. C. Dharmaraj  
Dr. N. Durairaj

Dr. V. Kumaravel  
Dr. R. Mahalingam  
Dr. K.S. Mayilvaganan  
Dr. P. Meenambal  
Dr. P. Prakash Karath  
Dr. V. Rajagopalan

Dr. R. Rajeev Ayyappan  
Dr. R. Ravindran  
Dr. S. Somasundaram  
Dr. S. Swaminathan  
Dr. R.R. Vijayakumar  
Dr. P. Vijayarathinam  
Dr. S.C. Vivekanathan

*Yours Sincerely*

Dr. B.K.C. Mohan Prasad  
Secretary

Dr. M. Amanullah  
Chairman



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செய்யாமல் செய்த உதவிக்கு வையகமும்  
வானகமும் ஆற்ற லரிது.



Dr.R.Ravindran



Dr.R.Mahalingam



Dr.V.N.Alagavenketesan



Dr.R.R.Vijayakumar



Dr.N.J.Manivannan



Dr.B.K.C.Mohan Prasad

I profusely thank Dr. R. Ravindran , Dr. V.N. Alagavenketesan, Dr. R. Mahalingam, Dr. R.R. Vijayakumar, Dr. N.J. Manivannan and my Teacher and Family Physician Dr. B.K.C. MohanPrasad, for having looked after the affairs of our branch in commendable way during my absence.

பயன் தூக்கார் செய்த உதவி நயன்தூக்கின்  
நன்மை கடலிற் பெரிது.



Dr.A.Rathinavel



Dr.J.Sangumani



Dr.K.Senthil



Dr.V.N.Alagavenketesan



Dr.B.K.C.Mohan Prasad

**and other Doctors serving in COVID wards.**

I could not find words to express my love, affection and gratitude to the stalwarts in Medicine for their hard work in the field of Medicine - especially in the COVID - 19 Era Wave 1<sup>st</sup> and Wave 2<sup>nd</sup> sacrificing their own rest, comfort relaxation in treating the patients.

## Maruthuva Natchathiram

I Congratulate our President Elect of Madurai IMA, Additional Professor, Toxicology, MMC & GRH, **Dr. V.N. Alagavenketesan** Madurai for having awarded the '**Maruthuva Natchathiram**' at Coimbatore



I Congratulate our past President of Madurai IMA, leading Cardiologist of Madurai **Dr. V. Amuthan** for having awarded the '**Maruthuva Natchathiram**' at Coimbatore

I Congratulate **Dr. S.G. Balamurugan**, Secretary Tamilnadu Nursing Home Board leading surgical oncologist of Madurai for having awarded the '**Maruthuva Natchathiram**' at Coimbatore.



**I Congratulate the following Dignitaries for receiving the Prestigious Tamilnadu Medical Council Award from Hon'ble Governor of Tamilnadu on 1st July 2021.**



**Dr. M. Natarajan,**  
HOD Medicine,  
MMC and GRH.



**Dr. J. Sangumani,**  
Dean,  
Virudhunagar Medical College



**Dr. R. Balajinathan,**  
Dean,  
Theni Medical College



**Dr. J. Suryakumar,**  
Microbiologist

My Greetings to the members of Tamilnadu Medical Council for their wonderful planning, functioning and choosing the best Doctors at the right time.



**Dr. K. Senthil**



**Dr. D. Maruthupandian**



**Dr. Jeysingh**



**Dr. R.V. Surendran**



My whole hearted thanks to TNMC and the great leader our time **Prof. Dr. K. SENTHIL** Sir



I am pleased to inform our members that I am a recipient of TNMC AWARD for Exemplary services in the field of Medicine by Hon'ble Governor of Tamilnadu '**Thiru BANWARILAL PUROHIT**' at Durbar Hall, Raj Bhavan on 1st July 2018



I appreciate the good work done by my teacher, **Dr. V. Kumaravel** sir leading Endocrinologist of Madurai a Crisis Management Expert, always friendly with Madurai IMA.



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*Dr. Dhauna Prasad*, MBBS., A.B.(Int. Medicine, Mayo Clinic, Rochester-USA)-Internal Medicine



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Mother : **Government Doctor**

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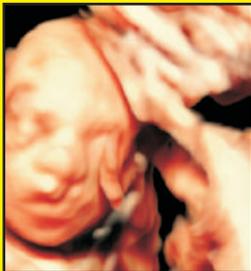
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# Meningitis in Clinical Practice

AUGUST 2021 



*Dr. V. Neethi Arasu, Neurologist,  
Madurai.*

## Introduction

Meningitis and Encephalitis are real neurological Emergencies in any acute care hospital. The percentage of CNS infections in any acute care institute varies from 3% to 5% depending upon the season and geographical location. Patients with meningitis have nuchal rigidity, headache, photophobia and fever. Patients with encephalitis have disruption of cognitive function that may include altered consciousness, disorientation, behavioural or speech difficulties along with focal neurological signs such as convulsions or hemiparesis. In reality the majority of infections cause a combination of symptoms labelled as meningoencephalitis.

## Aseptic meningitis

Aseptic meningitis is often a viral infection and typically produces lymphocytic pleocytosis, normal glucose, mildly elevated protein, negative gram stain and sterile bacterial cultures. Similar CSF findings may occur in partially treated bacterial meningitis or para meningeal foci such as epidural, subdural or brain abscesses. Low CSF glucose may be seen in

- Tuberculous meningitis
- Cryptococcal meningitis
- Syphilitic meningitis
- Neurosarcoidosis
- Meningeal carcinomatosis

## Bacterial meningitis

Commonest organisms causing bacterial infections includes

*Streptococcus pneumoniae*, *Neisseria meningitidis*, *Hemophilus influenzae*, and *Listeria monocytogenes*. When the patient is not willing for informed consent for lumbar puncture, blood culture should be obtained before antibiotics are given. Approximately 50% of patients with bacterial meningitis have a positive blood culture.



Culture of CSF will be probably positive for hours after starting antibiotics.

The most common gram negative bacilli causing meningitis in young children includes Klebsiella species, Escherichia coli and Pseudomonas species account for 75% to 90% gram negative bacillary meningitis. Eighty percent of gram negative meningitis occurs in conjunction with head trauma or neurosurgical procedures. Gram negative bacilli and Staphylococci are the most common organisms causing meningitis after neurosurgical procedures. But any kind of bacteria and even fungi such as candida species can gain access to the subarachnoid region and meninges.

Recurrent bacterial meningitis can occur in individuals with anatomic communication with paranasal sinuses, nasopharynx, middle ear, congenital midline dermal sinus tracts or prosthetic devices such as VP Shunts. Immunologic defects such as hypogammaglobulinemia, splenectomy, leukemia, lymphomas, sickle cell anemia and Complement deficiencies can predispose to recurrent bacterial meningitis.

### Treatment of Bacterial meningitis

Bacterial meningitis should be treated in Intensive care unit with maintaining blood pressure and treating septic shock with fluid replacement and pressor therapy. Choosing the right antibiotic that is known both to be bactericidal for the suspected organism as well as the ability to enter the CSF in effective amount.

#### Empirical therapy of Bacterial meningitis

<i>Age of the Patient</i>	<i>Antibiotic of choice</i>
<i>0-4 weeks</i>	<i>Cefotaxime and Ampicillin</i>
<i>4-12 weeks</i>	<i>Ceftriaxone or Cefotaxime plus, Ampicillin plus, Dexamethasone</i>
<i>3 months - 18 years</i>	<i>Ceftriaxone or Cefotaxime plus, Vancomycin plus Dexamethasone</i>
<i>18-50 years</i>	<i>Ceftriaxone or Cefotaxime plus, Vancomycin plus Ampicillin</i>
<i>More than 50 years</i>	<i>Ceftriaxone or Cefotaxime plus, Vancomycin plus Ampicillin</i>
<i>Immunocompromised Individual</i>	<i>Vancomycin plus Ampicillin and Cefotaxime</i>



### Duration of Antibiotic Therapy

Most cases of bacterial meningitis should be treated for a period of 10-14 Days except when there is a persistent Para meningeal focus of infection (CSOM or Chronic sinusitis)

Antibiotics should be administered in full doses parenterally (Intravenously only) throughout the period of treatment.

Repeated Lumbar punctures are not necessary to assess the effects of therapy as long as there is progressive clinical improvement.

### Duration of steroid therapy

All childhood meningitis regime should include Iv. Dexamethasone in high doses as 0.2mg/kg tds for 4 to 7 Days.

Recommended doses of Iv. Antibiotics

<i>Iv. Ampicillin</i>	<i>12 grams/day x 4 divided doses</i>
<i>Iv. Cefepime</i>	<i>4 to 6 grams/day x 3 divided doses</i>
<i>Iv. Cefotaxime</i>	<i>12 grams/day x 4 divided doses</i>
<i>Iv. Ceftazidime</i>	<i>6 grams/day x 3 divided dose</i>
<i>Iv. Ceftriaxone</i>	<i>4 grams/day x 2 divided doses</i>
<i>Iv. Linezolid</i>	<i>1200mg/day x 2 divided doses</i>
<i>Iv. Meropenem</i>	<i>6 grams/day x 3 divided doses</i>
<i>Iv. Penicillin G</i>	<i>24 million units/day x 4 divided doses</i>
<i>Iv. Vancomycin</i>	<i>2-4 grams/day x 12th Hourly</i>

Prognosis of Bacterial meningitis

Mortality rate of uncomplicated meningitis ranges from 5-15 percent depending upon the organism. Fulminant meningitis with meningococcus has high mortality rate because of the shock associated with adreno cortical haemorrhages (Waterhouse Friderichsen Syndrome). Mortality rates are higher in neonatal meningitis (40-70%)

In adults the presence of bacteremia, coma, seizures, alcoholism, diabetes mellitus, associated malignancy and Head injury, all worsen the prognosis. The trial of pneumococcal meningitis, pneumonia, and endocarditis (Osler's triad) has a particularly high fatality rate.



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