

Government of the People's Republic of Bangladesh
Directorate General of Drug Administration
Aushadh Vaban
Mohakhali, Dhaka-1212, Bangladesh

Meeting minutes of Task Force to Monitor Antimicrobial Consumption / Antimicrobial Use
Surveillance in Bangladesh

Meeting Minutes	Chairperson	Major General Mohammad Yousuf, DG, DGDA.
	Date	03.09.2023
	Time	11:00 am
	Venue	Conference Room, DGDA (2 nd floor).
	Minutes Taken By	Ms. S. M. Sabrina Yesmin, Asst. Director, DGDA.
	Minutes Reviewed By	Mr. Md. Mostafizur Rahman, Director (cc), DGDA.

Attendees	Enclosed
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Agenda	No.	Meeting Topics
		<ol style="list-style-type: none">1. Dissemination of the Antimicrobial Consumption (AMC) Surveillance Reports for 2021 (Human).2. Dissemination of the Standard Operating Procedure (SOP) for Antimicrobial Consumption (AMC) Surveillance in Bangladesh (Veterinary).3. Approval of the National Guideline on Dispensing, Use and Disposal Management of Antimicrobial Drugs-Bangladesh.4. Review and Feedback on the World AMR Awareness Week 2023 Poster.5. Other Matters.

Discussion:

Chairperson of the Task Force to Monitor Antimicrobial Consumption (AMC) and Antimicrobial Use (AMU) Surveillance in Bangladesh, Major General Mohammad Yousuf, DG, DGDA, welcomed all the participants to this meeting. He stated that Antimicrobial Resistance (AMR) is a critical issue, and as a regulator and healthcare professional, he personally takes this issue very seriously. He added, "Every year, 1.27 million people die from AMR. DGDA serves as the national center for antimicrobial consumption (AMC) and antimicrobial use (AMU) surveillance in Bangladesh. We have established the AMC surveillance system for human health, and for veterinary purposes, we have plans to establish a similar surveillance system.

According to our AMR National Action Plan, each department has specific responsibilities. For instance, we oversee the safety, quality, and efficacy of antimicrobial drugs, work to reduce self-medication, and monitor antimicrobial consumption patterns in Bangladesh. We require surveillance data for making policy-level decisions. For example, IEDCR conducts AMR surveillance, while we conduct AMC surveillance. By comparing these two sets of surveillance data, we can predict future antimicrobial drug usage in our country.

- (a) Assistant Director, DGDA, Ms. S. M. Sabrina Yesmin, and Mr. Paritosh Chakma, National Consultant for Essential Drugs and other Medicines at WHO-Bangladesh, presented the Antimicrobial Consumption Surveillance data for 2021. The surveillance data revealed an increase in overall antimicrobial consumption from 2016 to 2020, with rates of 16.65 in 2016, 19.87 in 2017, 21.78 in 2018, 24.74 in 2019, and 25.37 in 2020 (DDD/1000 inhabitants/day). However, in 2021, it surged to 57.5 DDD/1000 inhabitants/day.

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Cephalosporins, particularly 3rd generation cephalosporins, were the most frequently consumed antimicrobials in the country. The highest consumed antimicrobial agents (DU75) included cefixime (24.8), azithromycin (23.2), metronidazole (6), doxycycline (7.8), ciprofloxacin (9.9), and cefradine (4.2) (DDD/1000 inhabitants/day in 2021 for oral use). Furthermore, it was observed that the most consumed antibiotics fell into the WATCH category, with increased use of Reserved group antibiotics compared to previous years. For parenteral use, the highest consumed antimicrobials (DU90) were ceftriaxone (43.1), moxifloxacin (17.7), metronidazole (12.4), ciprofloxacin (6.4), gentamicin (5.2), levofloxacin (3), and meropenem (2.5) (DDD/1000 inhabitants/day in 2021).

The taskforce members commended DGDA's work and approved the AMC surveillance report for 2021. They recommended forming a working group to identify the reasons behind the high consumption of antimicrobial drugs in 2021 and to make necessary policy decisions. Professor Dr. Md. Sayedur Rahman, Chairman of the Department of Pharmacology at BSMMU, expressed appreciation for DGDA's initiative and emphasized the need for mass awareness campaigns targeting both the general public and healthcare professionals.

- (b) Mr. ATM Golam Kibria Khan, Assistant Director at DGDA, presented the draft "National Guideline on Dispensing, Use, and Disposal Management of Antimicrobial Drugs in Bangladesh." He reported that DGDA conducted a baseline survey on dispensing and waste disposal practices of antimicrobial medicines in retail medicine shops (pharmacies) across 8 divisions of Bangladesh. This survey highlighted the necessity of creating guidelines for dispensing and disposal. Mr. Khan also mentioned that the guideline was developed in accordance with the National Strategy and Action Plan for Antimicrobial Resistance Containment in Bangladesh (2021-2026), specifically sections 5.1.9, 7.2.1, 7.2.2, 7.2.3, and 7.2.5. The guideline received input from the working committee, and WHO provided their recommendations after conducting a stakeholder meeting.

The taskforce members appreciated these initiatives and suggested circulating the guideline among stakeholders and uploading it to the DGDA website for further stakeholder feedback. With these recommendations, they agreed to approve the "National Guideline on Dispensing, Use, and Disposal Management of Antimicrobial Drugs in Bangladesh."

- (c) Ms. Umme Habiba, National Consultant for AMR at DGDA, World Health Organization Bangladesh, presented the draft poster for the World AMR Awareness Week (WAAW) 2023. The members of the Task Force to Monitor Antimicrobial Consumption and Antimicrobial Use Surveillance in Bangladesh approved the following posters:



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রেজিস্টার্ড চিকিৎসকের পরামর্শ ছাড়া এন্টিবায়োটিক কেনে কখনো না।

- ✓ যতীত নয় ততো বা খুবীত ততো ক্ষয়নত এন্টিবায়োটিক ক্ষয়নতী কত খয়নত না।
- ✓ রেজিস্টার্ড চিকিৎসকত এন্টিবায়োটিক নতরকত এন্টিবায়োটিক তুরী কত সম্পূর্ণ কতন।

নাং খীল তীল তরু "এন্টিবায়োটিক" লী নাং এন্টিবায়োটিক লী।

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অস্বাস্থ্যকর, বর্ষে ২০ম এন্টিনায়েটিক লী, পলি বা মতন অতরকনর সত্ব খেপনত না।

আপনার নিকটস্থ ফার্মেসীতে ফেরত দিন।

কামেনী

নাং খীল তীল তরু "এন্টিবায়োটিক" লী নাং এন্টিবায়োটিক লী।

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আপনি জানেন কি?

প্রাণী চিকিৎসকে ভেটেরিনারি, ফার্মাসাইটিক ব্যবহার সম্পূর্ণ বিমুক্ত এবং শাস্তিযোগ্য অপরাধ?

নাং খীল তীল তরু "এন্টিবায়োটিক" লী নাং এন্টিবায়োটিক লী।

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এন্টিফাংগাল রেজিস্ট্যান্স সম্পর্কে সচেতন হই

জলজায়ু পরিতরিতর করণ ফাংগাল ইনফেকশন বৃদ্ধি নাংহু এন্টিফাংগাল রেজিস্ট্যান্স তরু তরিত

মাস্ক
পড়িলে কতন

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ফাংগাল মেনিনজাইটিস একটি বিরল, প্রাণঘাতী ছত্রাক সংক্রমণ

একতর লক্ষণ শুধু হলে, তরুতর ভেটিনারিইটিম চিকিৎসক তরু কতীত প্রতিটি তুরুত তরুতুর, তরুতর তে কত চিকিৎসক তরু তরুতন।

তরুতরুতর ইনফেকশন তিরুতরুতর তে কতীতল প্রাণীম তরুতরুতরুতর বা তরু হলে চিকিৎসা পড়িলে তরুতর তরুতরুতর এন্টিফাংগাল সংক্রমিত হত নাংহু।

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এন্টিফাংগাল রেজিস্ট্যান্স সম্পর্কে সচেতন হই

ফাংগালে ইনফেকশনকে অবহেলা করাযেননা এটি মৃত্যুর কারণ হত পারে যেকোনো ফাংগাল ইনফেকশনে রেজিস্টার্ড চিকিৎসকের পরামর্শ নিল

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এন্টিফাংগাল রেজিস্ট্যান্স সম্পর্কে সচেতন হই

রেজিস্টার্ড চিকিৎসকের পরামর্শ ছাড়া এন্টিফাংগাল ঔষধের মূল কোন সম্পূর্ণ না করে এবং জলবহন পরিবেশ অববর্তনতর-অনবর্তনীয় কীরকনতর এন্টিফাংগাল রেজিস্ট্যান্সের প্রকরণ কতন।

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(d) Dissemination of the Standard Operating Procedure (SOP) for Antimicrobial Consumption (AMC) Surveillance in Bangladesh (Veterinary).

Mr. Mostafizur Rahman, Director (cc) at DGDA, informed the meeting that DGDA is in the process of establishing antimicrobial consumption surveillance for veterinary use in Bangladesh. To achieve this goal, DGDA has collaborated with DLS, BLRI, DOF, FAO, and the Fleming Fund Bangladesh country grant to develop a Standard Operating Procedure (SOP) for Antimicrobial Consumption (AMC) Surveillance in Bangladesh (Veterinary). While this SOP has been approved, there are some limitations to address. Specifically, the average weight of animals at the time of treatment in Bangladesh has not yet been established. Consequently, DGDA has reached out to DLS to identify the average weight at the time of animal treatment in Bangladesh. The taskforce members appreciate these initiatives.

Decisions	
No.	
01.	DGDA will establish a working group to identify the reasons behind the high consumption rate of antimicrobial drugs in 2021 and the necessary policy decisions.
02.	The "National Guideline on Dispensing, Use, and Disposal Management of Antimicrobial Drugs in Bangladesh" has been approved with the following recommendations: 1. DGDA should circulate this guideline among stakeholders and upload it to the DGDA website for stakeholders' input.
03.	Ten posters for World AMR Awareness Week (WAAW) 2023 have been approved.
04.	DLS will ensure the accuracy of information regarding the average weight at the time of animal treatment in Bangladesh and provide the correct information.

Major General Mohammad Yousuf
Director General

Directorate General of Drug Administration
and

Chairperson of the Task Force to Monitor
Antimicrobial Consumption / Use
Surveillance in Bangladesh.

02 OCT 2023

Attendance Registrar
Directorate General of Drug Administration (DGDA)

Activity Title: Consultative workshop of "Task force to monitor Antimicrobial consumption/Use in Bangladesh" at DGDA
 Place: DGDA Conference Room Date: 3/9/2023

Sl. No.	Name of Participant	Designation and Organization	Mobile and Email ID	Participant's Signature
1	Majiburrahman Mohammad Yousuf	DG-DGDA		
2	Md. Mostafizur Rahman	Director, DGDA NF AIC BD.	01757112299	
3	Md. Abdul Malik	Deputy Director DGDA	01728052447	
4	Prof. Dr. Zakir H. Hossain	CSO, IEDDL	01711109180	
5	Dr. Arinda Rahman	DPM, DC, Delta	01377541797	
6	Md. Saifur Rahman	Professor & Chairman Dept of Pharmacology, BSMMU	01971840757	
7	Md. Nousher Ali	Asst Director, Dept NEP, OIE/WOAH	01716335010 mn.ali2863@delta.gov.bd	
8	plabon Sarkar	FIGCO, FIGC, DOF, Dhaka	01917283665 plabon.sarkar.bau@gmail.com	
9	Muhammed Mustafizur Rahman	ASST. SECRETARY, HSD	01552-670000	
10	Dr. Hamida Khalil Monina	National Technical Advisor FAO ECTAD	01780173277	
11	Ziaur Rahman	General Manager, Delta Pharma Ltd.	01713090808 zia@deltapharma.bd.com	
12	DR. KAZI MOSTAFIZUR RAHMAN AMEEN	Surveillance Lead F.F.C.G, B.	01759622205 kazi.hossain.ameen@gmail.com	
13	Dr. Md. Abdul Karim	GHS	01714069915	
14	Md. Saifur Rahman	Director (CC)	01712422003	
15	Dr. Syed Umar Khyan	COP - USP-PAT	01711837546	
16	Prof Nihir Debrela	TL, FFCB	01412079147	
17	DR. MORAD SULTAN	NPD - WGD	01714161237	
18	RAIAN AMRAN	STA-BHB-MSH	01717426068	
19	Md. Rafiqul Islam	AD DGDA	01914724210	
20	Md. Shariful Islam	SD DGDA	01937450445	
21	Md. Busharaf Hossain	ID, DGDA	01521-541175	
22	Md. Nurul Karim	DD, DGDA	01714-21854	
23	Md. Azil Ulla	AD, DGDA	01017332328	
24	Dr. Md. Arif Hossain	Director (II) DGDA	017111771010	

AC
 Md. Mostafizur Rahman
 Director (CC)
 Directorate General of Drug Administration
 Dhaka

Attendance Registrar
Directorate General of Drug Administration (DGDA)

Activity Title: Consultative workshop of "Task force to monitor Antimicrobial consumption/Use in Bangladesh" at DGDA
 Place: DGDA Conference Room Date: 3/9/2023

Sl. No.	Name of Participant	Designation and Organization	Mobile and Email ID	Participant's Signature
25	Gyulsam Jahon	AD	01711950490	Gyulsam
26	Tanvir Ahmed	AD	01717-637236	Tanvir
27	Md Kamrul Aman	AD	0171643978	Kamrul
28	Md. Fakhrul Islam	AD	01718377354	Fakhrul
29	Fozana Shobnam.	AD.	01726613424.	Fozana
30	Hossain, Mohammad	AD	01716609033	Hossain
31	B.N. Zaid Haid	AD	01712-885478	Zaid
32	Shucila Howshad	AD	01735953262	Shucila
33	Kovdul Ahmed	SD	01728309969	Kovdul
34	Kausik Chandra Mandal	ID	01558704677	Kausik
35	Romeel Mullah	SD	017171203193	Romeel
36	Md. Mostafizur Rahman	SD	01675603345	Mostafizur
37	Subrata Paul	Analyst	01718657753	Subrata
38	Mir Abdul Rayyaz	SD	01731726830	Mir Abdul
39	Tasmin Begum	SD, DGDA	01780898925	Tasmin
40	Makbub Hossain	AD, DSDA	01716-588015	Makbub
41	Humaina Afruz	AD, DGDA	01716168999	Humaina
42	Md. Gramul Karim	SD, DGDA	01781595909	Gramul
43	Pewan Ashik Mahmud	ID, DGDA	01865856616	Ashik
44	Dr. Md. Akib Hossain	Director (CC)	0171662247	Akib
45	Md. Eyahya	Director (cc), DGDA	01711190824	Eyahya
46	Umme Habiba	National Consultant WHO	01701208859	Umme
47	S.M. Sabirina Tasmin	AD, DGDA	01722903474	Sabirina
48	Md. Kubir	S.S, DGDA	01789726923	Kubir

AC
 Md. Mostafizur Rahman
 Director (CC)
 Directorate General of Drug Administration
 Dhaka.

Attendance Registrar
Directorate General of Drug Administration (DGDA)

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Place: DGDA Conference Room			Date: 3/9/2023	
Sl. No.	Name of Participant	Designation and Organization	Mobile and Email ID	Participant's Signature
49	Md Masib Khan	DGDA Office Attendant	01314814722	
50	Rownak Jahan	Office Assistant, DGDA	01914653297	
51	Sara Saffin	DET Consultant WHO	01741092421	
52	Paribosh Chakrabarti	NC-EDM, WHO	01708578088 chakrabarti@who.int	
	Bijsunmama	MIPS	9719408445	

Md. Mostafizur Rahman
 Director (CC)
 Directorate General of Drug Administration
 Dhaka.

Government of the People's Republic of Bangladesh
Directorate General of Drug Administration
Aushodh Vaban
Mohakhali, Dhaka-1212, Bangladesh

Memo No: DGDA/AMR-1/2020/16146

Date: 29.08.2023

Subject: Invitation to Participate in the Meeting of the Task Force to Monitor Antimicrobial Consumption (AMC) / Use (AMU) in Bangladesh.

As per the above mentioned subject, you are cordially invited to participate in an important meeting of the Task Force to Monitor Antimicrobial Consumption/Use in Bangladesh.

As indicated by the subject, the purpose of this meeting is to bring together key stakeholders and experts involved in antimicrobial research and surveillance. DGDA serves as the National Centre for Antimicrobial Consumption/Use Surveillance in Bangladesh. The primary responsibility of the Task Force is to oversee and endorse AMC/AMU-related research endeavors. Furthermore, the task force plays a pivotal role in monitoring and evaluating the progress of national antimicrobial consumption and use surveillance initiatives.

Technical and financial support of this meeting will be covered by WHO-Bangladesh.

The meeting details are as follows:

Date: 03.09.2023 (Sunday)

Time: 11:00 am

Venue: DGDA Conference Room

Your presence and insights would be invaluable in shaping the discussions and outcomes of this meeting. We believe that your expertise and contributions will greatly contribute to our efforts in ensuring the responsible consumption and usage of antimicrobial agents.

Enclosed: Agenda.

Major General Mohammad Yousuf
Director General

Directorate General of Drug Administration
Mohakhali, Dhaka-1212, Bangladesh.

And the Chairperson of "Task Force to Monitor
Antimicrobial Consumption/ Use in Bangladesh"

Phone: 0222280803

E-mail: dgda.gov@gmail.com

Distribution: (Not According to the Seniority)

1. Additional Secretary (Drug Admin Wing), HSD, MOHFW.
2. Director, CDC.
3. Director, IEDCR.
4. Director (Animal Health & Admin), Department of Livestock Services.
5. Director (Hospital), Directorate General of Health Services.
6. Prof. Md. Sayedur Rahman, Chairman, Department of Pharmacology, BSMMU.

7. Mr. Md. Mostafizur Rahman, Director (cc), Directorate General of Drug Administration.
8. Mr. Md. Salahuddin, Director (cc), Directorate General of Drug Administration.
9. Deputy Director, Animal Health & OIE focal point, Department of Livestock Services.
10. Deputy Director, Department of Environment.
11. Assistant Director & OIE aquatic focal point, Department of Fisheries.
12. Dr. Aninda Rahman, Deputy Program Manager, AMC, viral hepatitis and diarrhea control program, CDC, DGHS.
13. Mr. Muhammad Mustafizur Rahman, Assistant Secretary (Drug Administration-1 and Policy), HSD, MOHFW.
14. President, BMDC.
15. Secretary General, Bangladesh Association of Pharmaceutical Industries (BAPI).
16. Professor M A Faiz, Ex-DG, Directorate General of Health Services.
17. Prof. Mahmudur Rahman, Epidemiologist and Former Director, IEDCR.
18. President, Society of Microbiologist.
19. Prof. Sitesh Chandra Bachar, Department of Pharmacy, University of Dhaka.
20. AMR Focal point, WHO.
21. Country Team Leader, FAO ECTAD Bangladesh.
22. Representative from USP-PQM.
23. Representative from USAID.
24. Director, PEI, icddr,b.
25. President, Bangladesh Society of Medicine.
26. Dr. Nitish Debnath, Team Lead, Fleming Fund Country Grant.
27. Ms. S. M. Sabrina Yesmin, Asst. Director, DGDA.
28. PS to DG, DGDA.
29. AMR Cell, DGDA.

Memo No: DGDA/AMR-1/2020/

Date:

Attention for kind information: (Not According to the Seniority)

1. Secretary, Health Services Division, MOHFW.
2. VC, BSMMU.
3. DG, Directorate General of Health Services.
4. DG, Department of Livestock Services.
5. DG, Department of Fisheries.
6. DG, Department of Environment.

Director General
Directorate General of Drug Administration