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# It is not over! Preparing for Highly Infectious Disease Outbreak

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# Objectives

- By the end of this session participants will be able to,
- Describe four phases of planning and preparedness for outbreak of highly infectious disease
  - Describe the key components of planning and preparedness at healthcare facilities
  - Explain healthcare facility checklist in planning and preparing for any potential outbreaks in future

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# Outline

- Session introduction (5 min)
- Overview of the four phases of planning and preparedness (5 min)
- Group work: Key planning and preparedness activities at health facilities (10 min)
- Presentation by each group for 3 minutes (12 min)
- Comments, Q and A and Summary (8 min)

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# Ebola Outbreak in West Africa

- Liberia, Guinea, Sierra Leone
- Cases (28638), Deaths (11316)
- No case reported since 17 Jan, 2016 in all three countries
- Cases among HCW (881), Deaths (513)
- No new case among HCW since April 2015

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# Initial Response

- The initial response was inadequate and not well coordinated
- There was confusion and panic among people
- Health system was caught off-guard and was overwhelmed
- Information sharing was incomplete and conflicting
- Already fragile health system had not resources
- Little attention paid to quality

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# Planning and Preparedness for Outbreaks of Highly Infectious Disease

- WHO issued a guidelines in August 2014
- Four phases of the guidance
  - Pre-Outbreak preparedness
  - Alert (identify, investigate, evaluate risks)
  - Outbreak response and containment operations and
  - Post outbreak evaluation
- As of January 2016, 86% of priority countries have achieved over 50% of the tasks on WHO's Ebola preparedness checklist compared to 7% in December 2014.

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# Group Work

- Group 1: Before: What should be done in the pre-epidemic phase
- Group 2: Alert: What should be done when EVD is suspected
- Group 3a: During: What should be done once the epidemic is confirmed (5.1-5.3)
- Group 3b: During: What should be done once the epidemic is confirmed (5.4-5.6)

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# Group Work Instructions

- Identify a moderator and rapporteur
- Review the content assigned to your group
- Prepare and report the key points to the larger group
- Time for group work: 10 minutes
- Time to present: 3 minutes

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# Comments, Q & A, and Summary

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