

1. Heatwave Alert & Health Preparedness (India)

- Health departments in Telangana and nearby regions are on **high alert due to rising temperatures (41–44°C)**.
 - Hospitals have been instructed to prepare for:
 - Heatstroke & dehydration cases
 - Adequate IV fluids, beds, and emergency care
 - Community-level prevention includes **ORS distribution by ASHA & Anganwadi workers**.
 - 👉 **Clinical relevance:** Increased OPD/IPD load for heat-related illnesses; emphasize hydration counseling.
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2. Sea-Level Rise Emerging as Public Health Crisis

- A global **Lancet report warns sea-level rise is now a major health threat**, especially for coastal India.
 - Risks include:
 - Water-borne diseases
 - Displacement & mental health impact
 - Widening health inequities
 - 👉 **Takeaway:** Climate change is becoming a **core determinant of population health**.
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3. Below-Normal Monsoon Forecast (2026)

- India likely to receive **~92% of average rainfall**, lowest in decades.
 - Possible consequences:
 - Food insecurity & malnutrition
 - Increased vector-borne diseases (due to weather variability)
 - Economic stress impacting healthcare access
 - 👉 **Public health impact:** Nutrition programs & rural health services may be affected.
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4. India's Push for Global Pharma Leadership

- At **India Pharma 2026**, focus areas include:
 - Biologics & biosimilars
 - Specialty medicines
 - R&D and innovation ecosystem
 - 👉 **Implication:** More advanced therapies and stronger domestic pharma pipeline expected.
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5. Rising Early-Onset Lifestyle Diseases (India Report)

- Recent health data shows:
 - **2/3rd young adults at risk of NCDs**
 - High prevalence of prediabetes, obesity, and vitamin deficiencies
 - 👉 **Clinical insight:** Shift toward **earlier screening & preventive medicine** is critical.
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6. Measles Outbreak in South Asia

- Ongoing outbreak in Bangladesh:
 - Hundreds of confirmed cases, many in children
 - Emergency vaccination campaigns underway
 - 👉 **Alert for India:** Need for **high immunization coverage & surveillance**.
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7. Strengthening Rural Healthcare

- Improvements reported in rural healthcare access (UP example).
 - 👉 **Trend:** Gradual progress in **healthcare penetration beyond urban areas**.
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8. Global Health Initiatives

- WHO advancing:
 - Training programs for community health workers
 - Upcoming campaigns: Immunization Week, Malaria Day
 - 👉 **Focus:** Strengthening **primary healthcare systems globally.**