

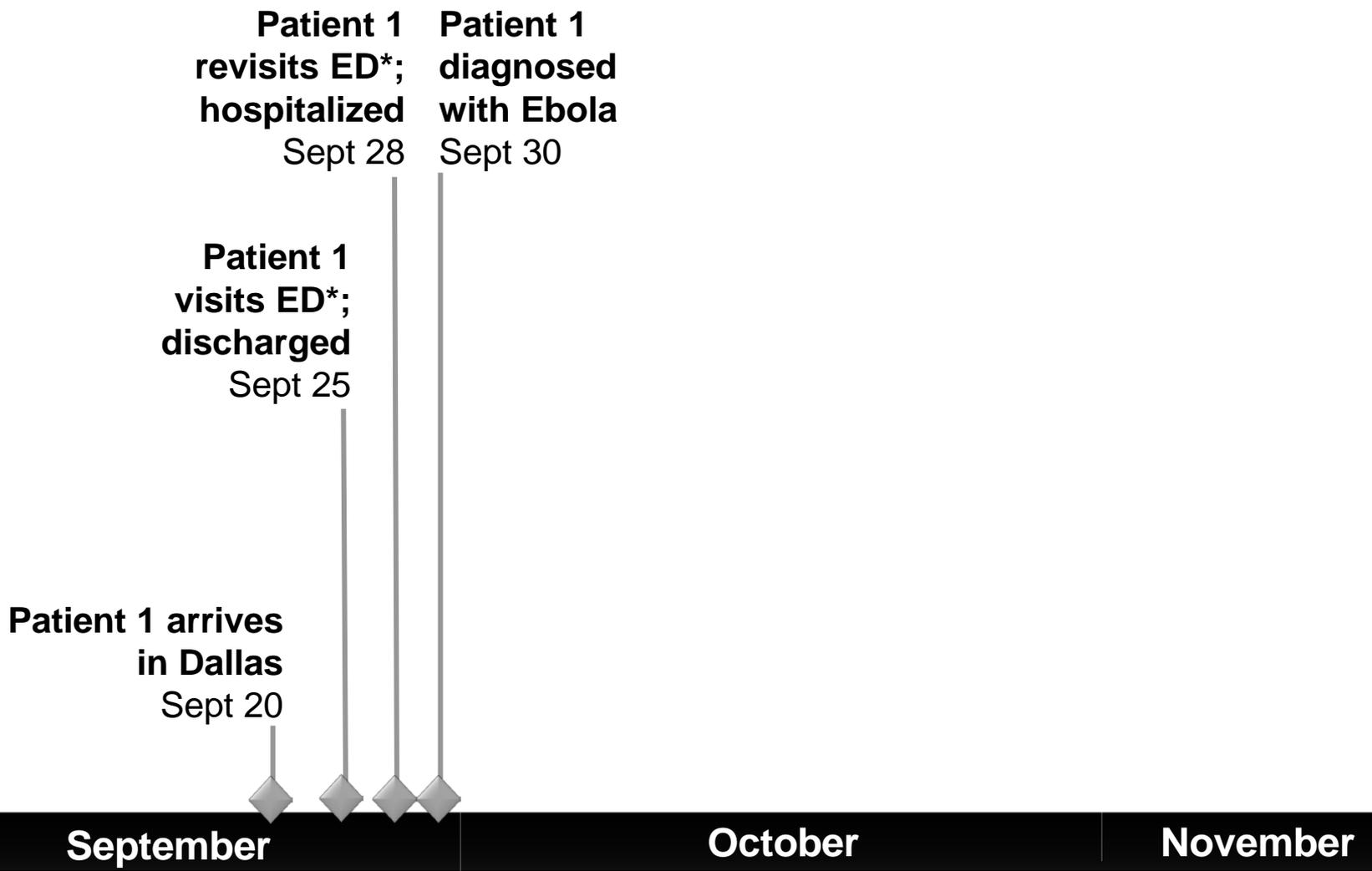
Ebola in the United States – Dallas, Texas 2014

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- North Carolina Division of Public Health

Ebola in the United States – Dallas, Texas 2014

- Wake AHEC requires all speakers to disclose any relevant financial conflicts of interest.
- Sarah Rhea has no relevant financial conflicts of interest to disclose.

Timeline of Ebola Outbreak, TX, 2014



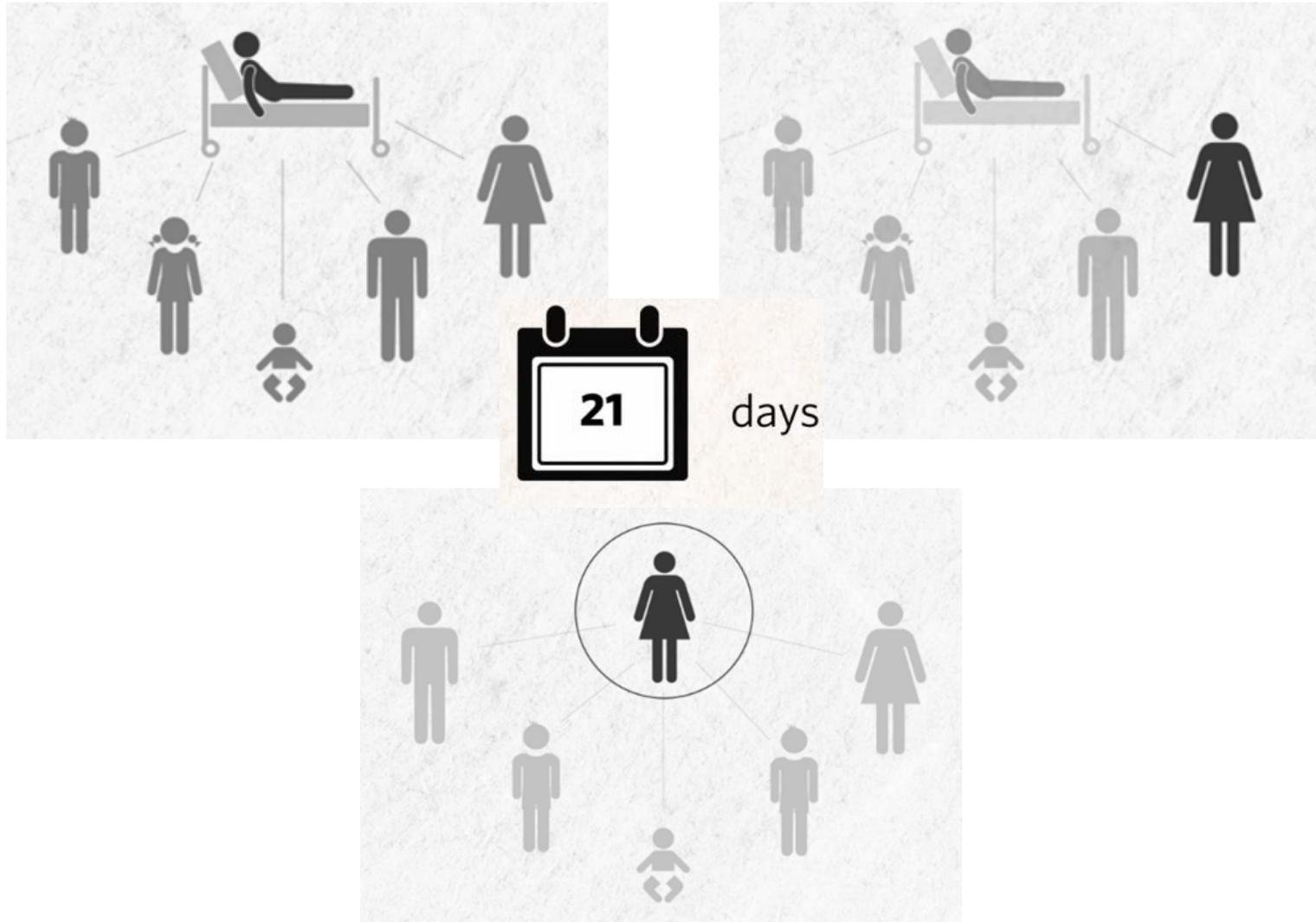
*Emergency Department



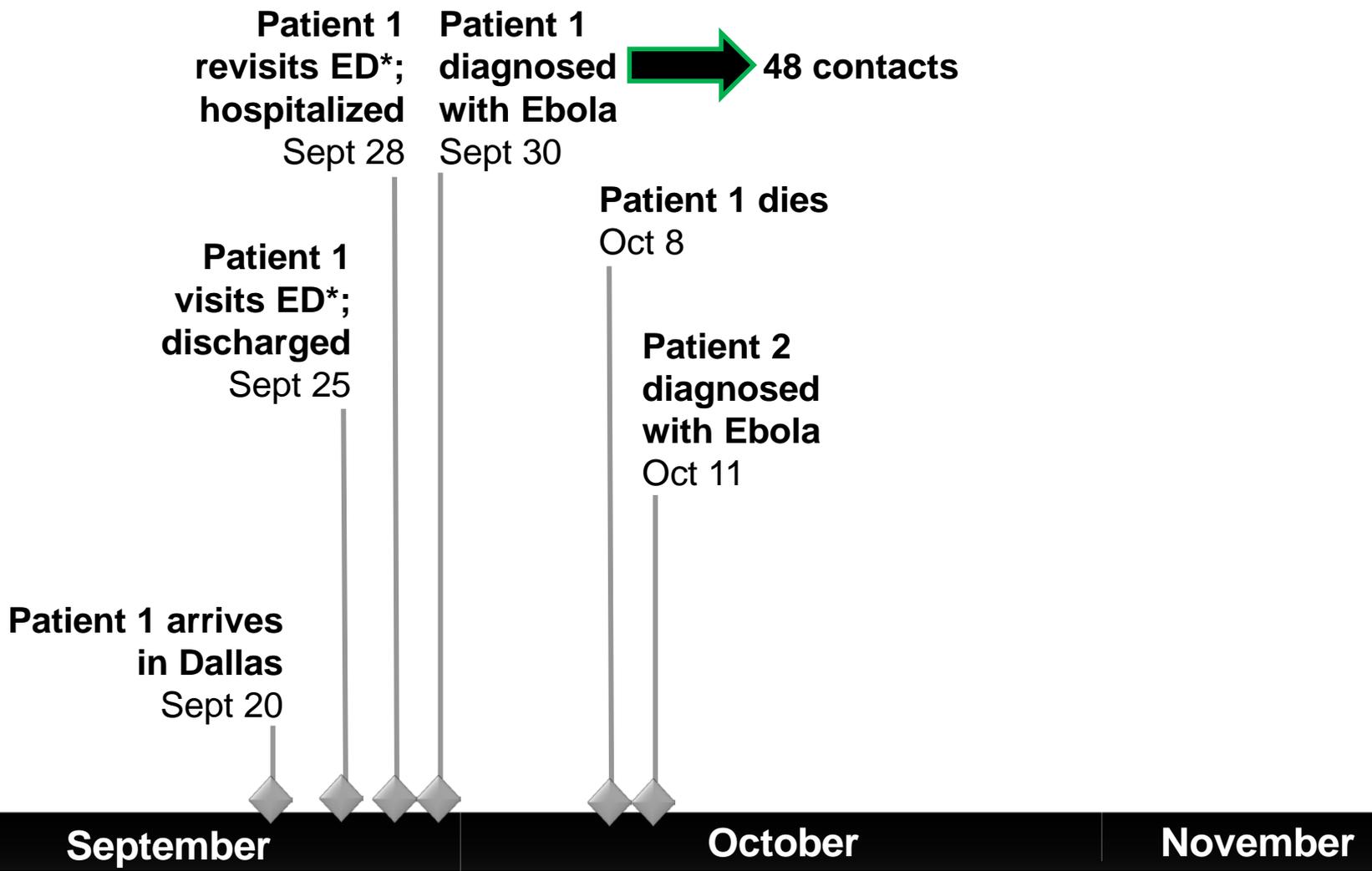
Dallas Ebola Investigation Team

- Clinical Consultation
- Infection Control
- Laboratory
- Communications and Logistics
- Contact Tracing and Data Management

Contact Tracing



Timeline of Ebola Outbreak, TX, 2014



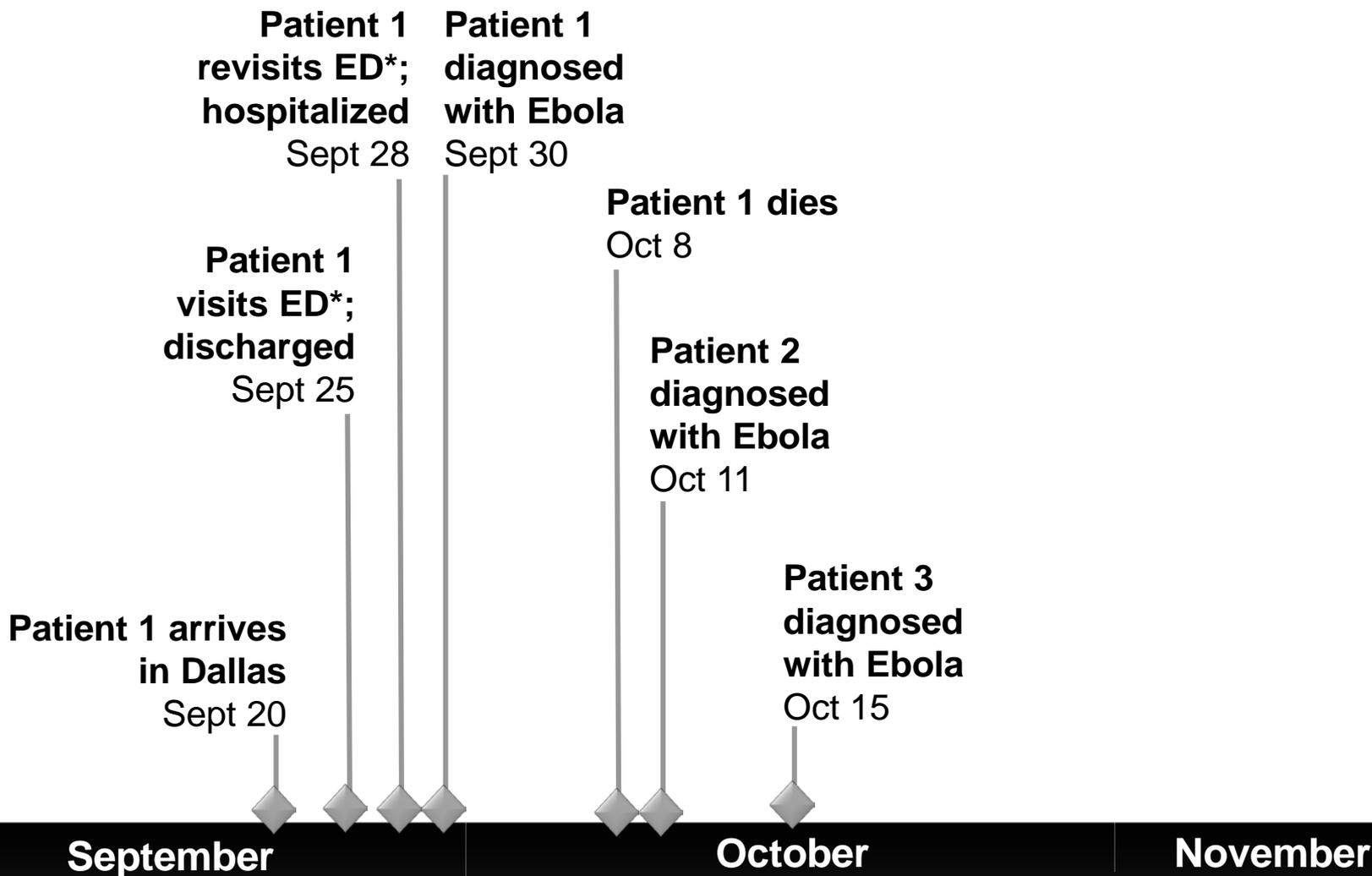
*Emergency Department



Risk to Healthcare Workers (HCWs)

- Patient 2 reported no breach in personal protective equipment (PPE)
- Interview of all HCWs with any potential contact to any Ebola patient

Timeline of Ebola Outbreak, TX, 2014



*Emergency Department

Characterization of Contacts to 3 Ebola Patients, Dallas, TX (N = 179)*

| Type | N (%) |
|-----------|-----------|
| HCW | 149 (83%) |
| Community | 20 (11%) |
| Ambulance | 10 (6%) |

*Includes Patients 2 and 3 and excludes airplane contacts of Patient 3

Data Management for Contact Tracing

- Rapid response to detailed data requests required
- Relational database
- Routine reporting
- Formal data request process

Challenges Faced by Contacts

- Social isolation
- Difficulty obtaining basic necessities
- Exclusion from work and related financial burdens
- Childcare issues
- Physical and emotional toll of caring for Ebola patients

Discussion

- Media and public health investigations
- Data management
- Impact of monitoring and movement activities on contacts