

Deduction Mysteries

CASE 01

The patient records were taken from the operating theater of Brierfield Hospital during the overnight window between 00:45 and 03:15. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Zoltan (attending physician), Suri (administrator), Hasan (security officer), Sami (medical resident), Cosima (volunteer), Wilder (head nurse), Indira (social worker), Penelope (janitor). Several have strong-looking motives.

Q Who took the patient records?

1. Cosima clashed publicly with management – appears to have motive.
2. However: Hasan is cleared – but their administrator code was revoked the day before – confirmed in the security audit.
3. Sami clashed publicly with management – appears to have motive.
4. Four independent requirements: specialized engineering certification, a verified relationship with the donor, presence between 00:45 and 03:15, and familiarity with the security routing.
5. But: however the unsecured pedestrian door doesn't require a badge to re-enter.
6. However: Sami is cleared – but door sensor places them at the hospital with a family emergency during the entire window.
7. Sami has specialized engineering certification and a verified relationship with the donor and familiarity with the security routing – initial suspicion was high.
8. The trace at the scene (a seal cut with a serial pattern from a specific supply) ties directly to inventory or systems uniquely accessible to Wilder.
9. Initial assumption pointed to Sami because of proximity to the scene earlier, but this has been independently ruled out.
- 10 Penelope's door sensor shows them off-site the entire window.
- 11 Wilder their video call ended at 22:05 according to the system.

CASE 02

A signed prescription pad was taken from the operating theater of Brierfield Hospital during the overnight window between 01:45 and 04:15. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Daphne (social worker), Fariha (security officer), Dimitri (technician), Penelope (janitor), Stellan (administrator), Ronan (volunteer), Vera (medical resident). Several have strong-looking motives.

Q Who took the signed prescription pad?

1. Four independent requirements: clearance to the restricted archive, documented hands-on history with the item, presence between 01:45 and 04:15, and possession of the specific tool used.
2. Penelope had financial pressure – appears to have motive.
3. Daphne was passed over for a recent promotion – appears to have motive.
4. However: Daphne is cleared – but door sensor places them at the hospital with a family emergency during the entire window.
5. Penelope has possession of the specific tool used and clearance to the restricted archive and documented hands-on history with the item – initial suspicion was high.
6. Stellan had financial pressure – appears to have motive.
7. Dimitri has only clearance to the restricted archive of the four requirements.
8. However: Stellan is cleared – but door sensor places them at the hospital with a family emergency during the entire window.
9. Fariha was officially signed out at 23:20 via the front-desk register.
- 10 Vera's witness staff shows them off-site the entire window.
- 11 Initial assumption pointed to Ronan because of being seen near the building, but this has been independently ruled out.

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CASE 03

The client's car keys were taken from the manager's office of Saint-Clair Machining during the overnight window between 01:15 and 04:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Odell (parts clerk), Eleni (customer service rep), Fariha (shop manager), Indira (machinist), Amari (apprentice), Jian (master mechanic), Mikael (painter). Several have strong-looking motives.

Q Who took the client's car keys?

1. Jian was officially signed out at 23:05 via the front-desk register.
2. Fariha was passed over for a recent promotion – appears to have motive.
3. Odell has knowledge of the seal serial pattern and after-hours building access and specialized engineering certification – initial suspicion was high.
4. But: however pedestrian-door sensor records show they re-authenticated from an internal network at 1:20.
5. Mikael had financial pressure – appears to have motive.
6. Eleni lacks after-hours building access – security audit confirms.
7. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Jian.
8. Initial assumption pointed to Mikael because of being seen near the building, but this has been independently ruled out.
9. However: Fariha is cleared – but their shop key was revoked the day before – confirmed in the security audit.
- 10 Jian has all four requirements: specialized engineering certification, after-hours building access, knowledge of the seal serial pattern, and meets the temporal requirement (presence between 01:15 and 04:30).

CASE 04

A lead actor's costume was taken from the backstage left of Argent Theatre during the overnight window between 00:15 and 04:15. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Maeve (lead actor), Ula (box-office manager), Jacinta (director), Joaquin (costume designer), Galina (lighting tech), Priya (musical director), Anastasia (understudy), Caelan (stagehand). Several have strong-looking motives.

Q Who took the lead actor's costume?

1. However: Maeve is cleared – but their prop-room code was revoked the day before – confirmed in the security audit.
2. Galina had financial pressure – appears to have motive.
3. Jacinta has all four requirements: elevated system privileges, a verified relationship with the donor, familiarity with the security routing, and meets the temporal requirement (presence between 00:15 and 04:15).
4. Anastasia lacks a verified relationship with the donor – security audit confirms.
5. Maeve filed a grievance two weeks ago – appears to have motive.
6. However: Priya is cleared – but two independent witnesses confirm a video call with them throughout the window.
7. However: Galina is cleared – but two independent witnesses confirm a video call with them throughout the window.
8. Ula has only a verified relationship with the donor of the four requirements.
9. Caelan lacks a verified relationship with the donor – security audit confirms.
- 10 Galina has a verified relationship with the donor and familiarity with the security routing – initial suspicion was high.

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CASE 05

The locker contents were taken from the coach's office of Pemberton Stadium during the overnight window between 01:00 and 05:15. The operation required specific qualifications, access, and timing. 8 suspects are under investigation: Indira (assistant coach), Stellan (referee), Ramona (head coach), Frida (equipment manager), Suri (team captain), Gisela (team statistician), Klaus (facilities manager), Odell (star player). Several have strong-looking motives.

Q Who took the locker contents?

1. But: however the VPN session record shows their vehicle remained in the lot until well after 01:00.
2. Gisela has only after-hours building access of the four requirements.
3. Odell has only authorization to handle the item of the four requirements.
4. Klaus lacks after-hours building access – security audit confirms.
5. Indira has after-hours building access and authorization to handle the item – initial suspicion was high.
6. Suri lacks a master key issued only to senior staff – confirmed by personnel records.
7. Frida was passed over for a recent promotion – appears to have motive.
8. The trace at the scene (a network certificate signed by senior staff) ties directly to inventory or systems uniquely accessible to Stellan.
9. Stellan has all four requirements: a master key issued only to senior staff, after-hours building access, authorization to handle the item, and meets the temporal requirement (presence between 01:00 and 05:15).
- 10 Stellan their video call ended at 23:15 according to the system.
- 11 However: Frida is cleared – but witness teammate places them at the hospital with a family emergency . during the entire window.
- 12 Initial assumption pointed to Frida because of being seen near the building, but this has been independently ruled out.

CASE 06

An equipment manifest was taken from the main court of Aldermarsh Arena during the overnight window between 01:00 and 05:30. The operation required specific qualifications, access, and timing. 7 suspects are under investigation: Esme (assistant coach), Saoirse (facilities manager), Ezra (star player), Nadia (rookie player), Hadley (referee), Amari (equipment manager), Vera (team statistician). Several have strong-looking motives.

Q Who took the equipment manifest?

1. Vera lacks after-hours building access – security audit confirms.
2. Hadley has possession of the specific tool used and elevated system privileges – initial suspicion was high.
3. Esme lacks after-hours building access – security audit confirms.
4. But: however the unsecured service entrance doesn't require a badge to re-enter.
5. The theft involved a hand-machined tool stocked in only one closet.
6. However: Saoirse is cleared – but time-clock record places them at the hospital with a family emergency during the entire window.
7. Initial assumption pointed to Ezra because of being seen near the building, but this has been independently ruled out.
8. However: Ezra is cleared – but two independent witnesses confirm a video call with them throughout the window.
9. Hadley was passed over for a recent promotion – appears to have motive.
- 10 Amari has all four requirements: elevated system privileges, after-hours building access, possession . of the specific tool used, and meets the temporal requirement (presence between 01:00 and 05:30).
- 11 Saoirse clashed publicly with management – appears to have motive.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 C) Wilder

- Four requirements (specialized engineering certification, a verified relationship with the donor, presence between 00:45 and 03:15, familiarity with the security routing) plus a unique technical trace narrow the case.
 - Hasan appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 02 E) Fariha

- Four requirements (clearance to the restricted archive, documented hands-on history with the item, presence between 01:45 and 04:15, possession of the specific tool used) plus a unique technical trace narrow the case.
 - Stellan appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 03 C) Jian

- Four requirements (specialized engineering certification, after-hours building access, presence between 01:15 and 04:30, knowledge of the seal serial pattern) plus a unique technical trace narrow the case.
 - Fariha appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 04 F) Jacinta

- Four requirements (elevated system privileges, a verified relationship with the donor, presence between 00:15 and 04:15, familiarity with the security routing) plus a unique technical trace narrow the case.
 - Galina appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 05 undefined) Stellan

- Four requirements (a master key issued only to senior staff, after-hours building access, presence between 01:00 and 05:15, authorization to handle the item) plus a unique technical trace narrow the case.
 - Ramona appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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Case 06 E) Amari

- Four requirements (elevated system privileges, after-hours building access, presence between 01:00 and 05:30, possession of the specific tool used) plus a unique technical trace narrow the case.
 - Saoirse appears guilty (has multiple requirements, has motive) but is cleared by an independent verification.
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