**Topic 9: ‘International conflicts and crises in the 20th century (I) – the two world wars’**

**Case study: War and Inventions—Medicine**

**Activity 2: War and Medicine**

Students are divided into 4 groups, and complete the related learning activity.

**Group One**

You are a medical worker stationed at a medical station. Study the information of a wounded soldier in Source A and respond to the related assessment form.

Source A: The following table is about the information of a wounded soldier who was sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldier | | Related photo |
| Date of injury | 5 / 8 / 1916 | © IWM UNI 10830 |
| Injury site | River of Somme |
| Injured part | Right arm |
| Main injury | Shot in the right shoulder  Right arm cannot move  Heavy bleeding |
| Source: <https://www.iwm.org.uk/history/second-lieutenant-harold-cope> | |

1. Fill in the following table according to the needs of the wounded soldier:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  |  |  |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldier for follow up afterwards.

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**Group Two**

You are a medical worker stationed at a medical station. Study the information of the wounded soldiers in Source B and respond to the related assessment form.

Source B: The following is about the information of the wounded soldiers who were sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldiers | | Related photo |
| Date of injury | 22 / 4 / 1915 | （related photo of poison gas attack) Thomas Keith Aitken (Second Lieutenant), Public domain, via Wikimedia Commons |
| Injury site | Ypres |
| Injured part | Eyes, respiratory system |
| Main injury | Blindness  Severe pain in the eye  Difficulty in breathing |
| Source: <https://www.iwm.org.uk/history/voices-of-the-first-world-war-gas-attack-at-ypres> | |

1. Fill in the following table according to the needs of the wounded soldiers:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  |  |  |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldiers for follow up afterwards.

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**Group Three**

You are a medical worker stationed in a medical station. Study the information of a wounded soldier in Source C and respond to the related assessment form.

Source C: The following is the information of a wounded soldier who was sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldier | | Related photo |
| Date of injury | 15 / 2 / 1945 | （Bombing of Dresden）Bundesarchiv, Bild 146-1994-041-07 / Unknown author Unknown author / CC-BY-SA 3.0, CC BY-SA 3.0 DE <https://creativecommons.org/licenses/by-sa/3.0/de/deed.en>, via Wikimedia Commons |
| Injury site | Dresden |
| Injured part | Skin, respiratory system, right leg |
| Main injury | Severe burns  Difficulty in breathing  Bone fracture in right leg |

1. Fill in the following table according to the needs of the wounded soldier:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  |  |  |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldier for follow up afterwards.

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**Group Four**

You are a medical worker stationed in a medical station. Study the information of the injured persons in Source D and respond to the related assessment form.

Source D: The following is the information of the injured persons who were sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the injured persons | | Related picture |
| Date of injury | 15 / 8 / 1945 | （atomic bombing in Hiroshima）  <https://visualizingcultures.mit.edu/groundzero1945/gallery/pages/16_07.htm> |
| Injury site | Hiroshima |
| Injured part | skin |
| Main injury | Severe burns |

1. Fill in the following table according to the needs of the injured persons：

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  |  |  |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the injured persons for follow up afterwards.

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**Topic 9: ‘International conflicts and crises in the 20th century (I) – the two world wars’**

**Case study: War and Inventions—Medicine**

**Activity 2: War and Medicine**

Students are divided into 4 groups, and complete the related learning activity.

**Group One**

You are a medical worker stationed at a medical station. Study the information of a wounded soldier in Source A and respond to the related assessment form.

Source A: The following table is about the information of a wounded soldier who was sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldier | | Related photo |
| Date of injury | 5 / 8 / 1916 | © IWM UNI 10830 |
| Injury site | River of Somme |
| Injured part | Right arm |
| Main injury | Shot in the right shoulder  Right arm cannot move  Heavy bleeding |
| Source: <https://www.iwm.org.uk/history/second-lieutenant-harold-cope> | |

1. Fill in the following table according to the needs of the wounded soldier:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  |  |  | x |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldier for follow up afterwards.

* X-ray machine – to understand the injury, so as to find a suitable treatment plan for the wounded soldier.
* Ambulance – to transport the wounded who need immediate treatment to hospitals.
* Blood transfusion – enable over-bleeding soldiers to have a higher chance of survival.
* Thomas splint – to stabilize the injured part, so as to avoid unnecessary amputation of soldiers.
* Psychological treatment – to soothe soldiers / civilians that suffered from mental injury / breakdown.

**Group Two**

You are a medical worker stationed at a medical station. Study the information of the wounded soldiers in Source B and respond to the related assessment form.

Source B: The following is about the information of the wounded soldiers who were sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldiers | | Related photo |
| Date of injury | 22 / 4 / 1915 | （related photo of poison gas attack) Thomas Keith Aitken (Second Lieutenant), Public domain, via Wikimedia Commons |
| Injury site | Ypres |
| Injured part | Eyes, respiratory system |
| Main injury | Blindness  Severe pain in the eye  Difficulty in breathing |
| Source: <https://www.iwm.org.uk/history/voices-of-the-first-world-war-gas-attack-at-ypres> | |

1. Fill in the following table according to the needs of the wounded soldiers:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） | x |  | x | x | x |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldiers for follow up afterwards.

* Ambulance – to transport the wounded who need immediate treatment to hospitals.
* Psychological treatment – to soothe soldiers / civilians that suffered from mental injury / breakdown.

**Group Three**

You are a medical worker stationed in a medical station. Study the information of a wounded soldier in Source C and respond to the related assessment form.

Source C: The following is the information of a wounded soldier who was sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the wounded soldier | | Related photo |
| Date of injury | 15 / 2 / 1945 | （Bombing of Dresden）Bundesarchiv, Bild 146-1994-041-07 / Unknown author Unknown author / CC-BY-SA 3.0, CC BY-SA 3.0 DE <https://creativecommons.org/licenses/by-sa/3.0/de/deed.en>, via Wikimedia Commons |
| Injury site | Dresden |
| Injured part | Skin, respiratory system, right leg |
| Main injury | Severe burns  Difficulty in breathing  Bone fracture in right leg |

1. Fill in the following table according to the needs of the wounded soldier:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） |  |  | x |  |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the wounded soldier for follow up afterwards.

* X-ray machine – to understand the injury, so as to find a suitable treatment plan for the wounded soldier.
* Ambulance – to transport the wounded who need immediate treatment to hospitals.
* Thomas splint – to stabilize the injured part, so as to avoid unnecessary amputation of soldiers.
* Reconstructive surgeries – restore part of the facial functions of soldiers who were disfigured.
* Psychological treatment – to soothe soldiers / civilians that suffered from mental injury / breakdown.

**Group Four**

You are a medical worker stationed in a medical station. Study the information of the injured persons in Source D and respond to the related assessment form.

Source D:The following is the information of the injured persons who were sent to the medical station.

|  |  |  |
| --- | --- | --- |
| Information of the injured persons | | Related picture |
| Date of injury | 15 / 8 / 1945 | （atomic bombing in Hiroshima）  <https://visualizingcultures.mit.edu/groundzero1945/gallery/pages/16_07.htm> |
| Injury site | Hiroshima |
| Injured part | skin |
| Main injury | Severe burns |

1. Fill in the following table according to the needs of the injured persons：

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Medical items | X-ray machine | ambulance | blood transfusion | Thomas splint | reconstructive surgery | psychological treatment |
| In need  （/ X） | x |  | x | x |  |  |

1. Give a brief explanation of the item(s) that is assessed as ‘need’ in（a）and on how it can help the injured persons for follow up afterwards.

* Ambulance – to transport the wounded who need immediate treatment to hospitals.
* Reconstructive surgeries – restore part of the facial functions of wounded who were disfigured.
* Psychological treatment – to soothe soldiers / civilians that suffered from mental injury / breakdown.