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CONCUSSION in SPORT

Education Package for

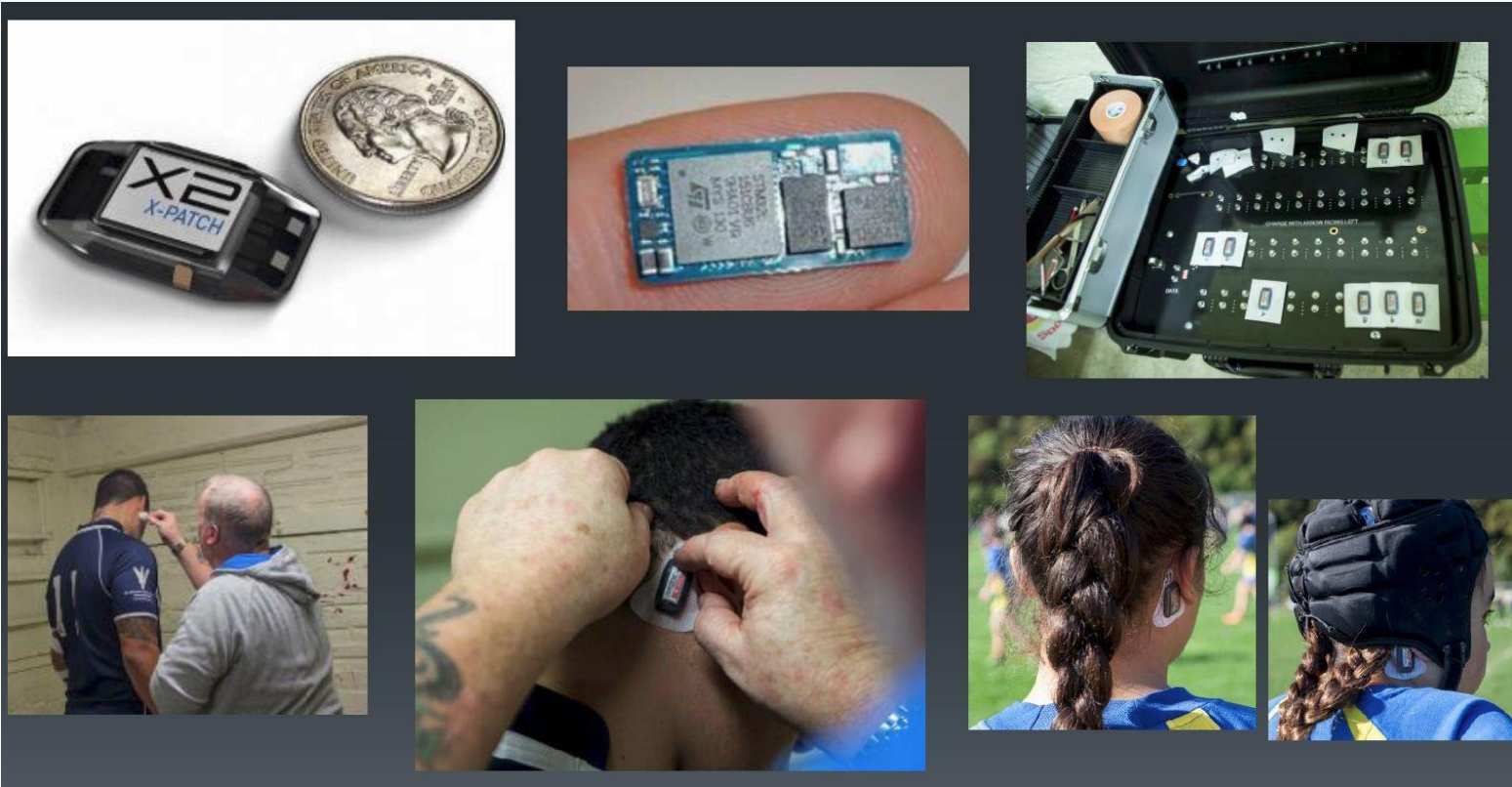


X2 XPATCH GUIDE



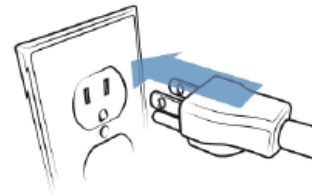


X2 XPATCH: the System

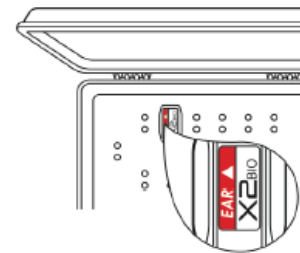


X2 XPATCH: charge

- 1 Plug the charging power cable into a power outlet



- 2 Place the xPatch on one of the charger's magnetic charging ports with the triangle pointing left, towards the data port. An orange light will turn on to indicate that the xPatch is charging



- 3 Allow the xPatch to charge for at least **one** hour. The orange light will turn off when the xPatch is fully charged



X2 XPATCH: the LED lights

ON-CHARGER COMMUNICATION

INITIAL CHARGE – Solid Orange and Green

Initial charge is indicated by an orange and green light on the xPatch. The green light will turn off about 20 seconds later and the orange light will remain on until charging is complete (about one hour)



CHARGING – Solid Orange

The solid orange light indicates the xPatch device is charging. The orange light will remain on until device is fully charged. The light will turn off when charge is complete





X2 XPATCH: the LED lights

OFF-CHARGER COMMUNICATION

ACTIVATING – Green Blinks Three Times

xPatch is ready to record impacts after the green light has stopped flashing

IMPACT – Single Green Flash

After the xPatch has been activated, a single flash of the green light indicates an impact has been recorded



X2 XPATCH: IMS software setup

NOTE: It is highly recommended to assign devices to a player prior to collecting impact data on the field

- 1 While X2 IMS is running and the charger is connected to your PC, place an xPatch on the magnetic data port, located in the bottom left corner of the charging board
- 2 Select the **DEVICES** tab on the bottom right hand corner of the IMS

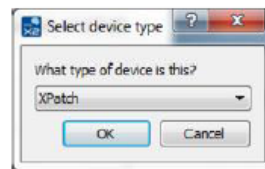
NOTE: This will also sync device to PC time



- 3 Select the player in the roster and click **ASSIGN DEVICE**



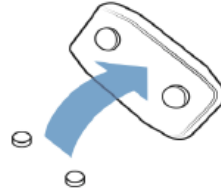
- 4 Specify the **Device Type** as "xPatch" in the dropdown menu





X2 XPATCH: activate

- 1 When ready for use, remove the xPatch from the charging board



- 2 Place the xPatch on the activation strip inside the charging case

OR

Align the xPatch pins with the magnetic pins on the portable key ring activator



- 3 The green light on the xPatch will blink slowly three times, followed by a burst of rapid flashing. Once the green light has begun to flash rapidly the xPatch is activated and can be removed for use

xPatch Battery life lasts up to 6 hours once device is activated



X2 XPATCH: prepare

- 1 Remove the protective liner from the small, xPatch-shaped adhesive. Line up the xPatch with exposed adhesive and attach



- 2 Press firmly for 3 seconds ensuring that there are no air gaps between the xPatch and the adhesive



- 3 Gripping the xPatch sensor from the bottom, remove the larger protective liner using a circular peeling motion



X2 XPATCH: apply

- 1** Move away all hair from behind the ear.
For the most effective bond, the skin in the application area must be clean and dry.
As required, use rubbing alcohol and/or a towel to remove any sweat, water, lotion, hair product, and/or debris



- 2** Attach the xPatch & adhesive combination to the area directly behind the ear, with arrow on the xPatch pointing towards the ear, as shown



X2 XPATCH: upload data post-match

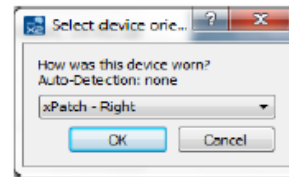
- 1 While X2 IMS is running and the charger is connected to your PC, place an xPatch on the magnetic data port, located in the bottom left corner of the charging case
- 2 Select the **DEVICES** tab on the bottom right hand corner of the IMS



- 3 Import the data by clicking **SYNC IMPACTS**



- 4 Specify how the device was worn from the dropdown menu



- 5 Once upload is complete, click **ERASE IMPACTS**



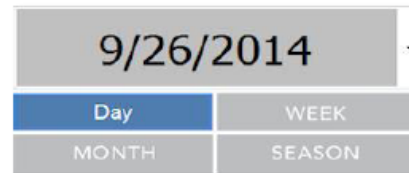
X2 XPATCH: analyse

- 1 To view your uploaded impacts, click on the **IMPACTS** icon in the right panel

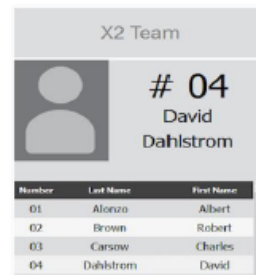


- 2 Use the **Calendar** to select the time range of impacts you wish to view

NOTE: Date listed is the last day of the specified time period.



- 3 Select **Team** to see the entire team's impacts or select **Player** to see a specific player's impacts



X2 XPATCH: analyse

- 1 To visualize the data, select the **VIEW WAVEFORMS** icon at the bottom of IMS screen

NOTE: Must have single day range selected on Calendar



- 2 Save raw data to the PC by selecting the **WRITE IMPACTS** icon

NOTE: Exported data can be found in the /CsvExport folder in the Installation folder



- 3 Process raw data by selecting the **GENERATE IMPACT SUMMARY** icon at bottom of the IMS screen

NOTE: Exported data can be found in the /CsvExport folder in the Installation folder





Questions?





Assessment

