The MDAR framework establishes a minimum set of requirements in transparent reporting applicable to studies in the life sciences (see Statement of Task: doi:10.31222/osf.io/9sm4x). The MDAR checklist is a tool for authors, editors and others seeking to adopt the MDAR framework for transparent reporting in manuscripts and other outputs. Please refer to the MDAR Elaboration Document for additional context for the MDAR framework.
### Materials

| Category                      | Required? | Where Provided | Notes |
|-------------------------------|-----------|----------------|-------|
| Antibodies                    | Yes       | page/section/legend | n/a   |
| For commercial reagents, provide supplier name, catalogue number and RRID, if available. |           |                | n/a   |
| Cell materials                | Yes       | page/section/legend | n/a   |
| Cell lines: Provide species information, strain. Provide accession number in repository OR supplier name, catalog number, clone number, OR RRID |           |                | n/a   |
| Primary cultures: Provide species, strain, sex of origin, genetic modification status. |           |                | n/a   |
| Experimental animals          | Yes       | page/section/legend | n/a   |
| Laboratory animals: Provide species, strain, sex, age, genetic modification status. Provide accession number in repository OR supplier name, catalog number, clone number, OR RRID |           |                | n/a   |
| Animal observed in or captured from the field: Provide species, sex and age where possible |           |                | n/a   |
| Model organisms: Provide Accession number in repository (where relevant) OR RRID |           |                | n/a   |
| Plants and microbes           | Yes       | page/section/legend | n/a   |
| Plants: provide species and strain, unique accession number if available, and source (including location for collected wild specimens) |           |                | n/a   |
| Microbes: provide species and strain, unique accession number if available, and source |           |                | n/a   |
| Human research participants   | Yes       | page/section/legend | n/a   |
| Identify authority granting ethics approval (IRB or equivalent committee(s), provide reference number for approval. |           |                | n/a   |
| This study was IRB exempt as it used deidentified data |           |                |       |
| Provide statement confirming informed consent obtained from study participants. |           |                | n/a   |
| Report on age and sex for all study participants. |           |                | n/a   |
## Design

| Study protocol | Yes (indicate where provided: page no/section/legend) | n/a |
|----------------|------------------------------------------------------|-----|
| For clinical trials, provide the trial registration number OR cite DOI in manuscript. | | n/a |

| Laboratory protocol | Yes (indicate where provided: page no/section/legend) | n/a |
|---------------------|------------------------------------------------------|-----|
| Provide DOI or other citation details if detailed step-by-step protocols are available. | | n/a |

| Experimental study design (statistics details) | Yes (indicate where provided: page no/section/legend) | n/a |
|------------------------------------------------|------------------------------------------------------|-----|
| State whether and how the following have been done, or if they were not carried out. | Retrospective review of non-fatal GSW patients undergoing orthopedic care. | n/a |
| Sample size determination | | n/a |
| Randomisation | | n/a |
| Blinding | | n/a |
| Inclusion/exclusion criteria | | n/a |

| Sample definition and in-laboratory replication | Yes (indicate where provided: page no/section/legend) | n/a |
|--------------------------------------------------|------------------------------------------------------|-----|
| State number of times the experiment was replicated in laboratory | | n/a |
| Define whether data describe technical or biological replicates | | n/a |

| Ethics | Yes (indicate where provided: page no/section/legend) | n/a |
|--------|------------------------------------------------------|-----|
| Studies involving human participants: State details of authority granting ethics approval (IRB or equivalent committee(s)), provide reference number for approval. | | n/a |
| Studies involving experimental animals: State details of authority granting ethics approval (IRB or equivalent committee(s)), provide reference number for approval. | | n/a |
| Studies involving specimen and field samples: State if relevant permits obtained, provide details of authority approving study; if none were required, explain why. | | n/a |

| Dual Use Research of Concern (DURC) | Yes (indicate where provided: page no/section/legend) | n/a |
|-----------------------------------|------------------------------------------------------|-----|
| If study is subject to dual use research of concern, state the authority granting approval and reference number for the regulatory approval | | n/a |
## Analysis

### Attrition
- **Yes (indicate where provided: page no/section/legend)**
- No exclusion criteria

### Statistics
- **Yes (indicate where provided: page no/section/legend)**
- Linear regression to assess trends. Descriptive statistics to assess demographics (Methods section)

### Data Availability
- **Yes (indicate where provided: page no/section/legend)**
- Dataset was obtained from Pearl Diver. Access to dataset is through this company

#### If data are publicly available, provide accession number in repository or DOI or URL.
- Data can be accessed from [http://www.pearlderiverinc.com/](http://www.pearlderiverinc.com/)

#### If publicly available data are reused, provide accession number in repository or DOI or URL, where possible.
- n/a

### Code Availability
- **Yes (indicate where provided: page no/section/legend)**
- Data code and software can be accessed from [http://www.pearlderiverinc.com/](http://www.pearlderiverinc.com/)

### Reporting

#### Adherence to community standards
- **Yes (indicate where provided: page no/section/legend)**
- ICMJE guidelines were followed as the journal follows ICMJE guidelines for publication.

### Article information:
[http://dx.doi.org/10.21037/atm-20-1064](http://dx.doi.org/10.21037/atm-20-1064)