# UBCMJ Author Submission Guidelines

Updated January 14, 2024

## Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Submission System</td>
<td>2</td>
</tr>
<tr>
<td>Author Eligibility</td>
<td>2</td>
</tr>
<tr>
<td>Article Originality</td>
<td>3</td>
</tr>
<tr>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Article Types and Content</td>
<td>3</td>
</tr>
<tr>
<td>Academic Research</td>
<td>5</td>
</tr>
<tr>
<td>Case Reports</td>
<td>6</td>
</tr>
<tr>
<td>Reviews</td>
<td>6</td>
</tr>
<tr>
<td>News and Letters</td>
<td>7</td>
</tr>
<tr>
<td>Commentaries</td>
<td>7</td>
</tr>
<tr>
<td>Preparation and Submission Requirements</td>
<td>8</td>
</tr>
<tr>
<td>Cover Letter</td>
<td>8</td>
</tr>
<tr>
<td>Faculty Sponsors</td>
<td>9</td>
</tr>
<tr>
<td>Manuscript Components</td>
<td>9</td>
</tr>
<tr>
<td>Title Page</td>
<td>9</td>
</tr>
<tr>
<td>Tables, Figures, and Graphics</td>
<td>10</td>
</tr>
<tr>
<td>References</td>
<td>10</td>
</tr>
<tr>
<td>In-text references</td>
<td>10</td>
</tr>
<tr>
<td>Journal titles</td>
<td>10</td>
</tr>
<tr>
<td>Drug Names</td>
<td>11</td>
</tr>
<tr>
<td>Permission from Contributors</td>
<td>11</td>
</tr>
<tr>
<td>Patient Consent</td>
<td>12</td>
</tr>
<tr>
<td>Review Process</td>
<td>12</td>
</tr>
<tr>
<td>Deadlines</td>
<td>13</td>
</tr>
<tr>
<td>Correspondence</td>
<td>13</td>
</tr>
<tr>
<td>Appendix 1: Submission Template</td>
<td>14</td>
</tr>
</tbody>
</table>
About UBCMJ
The University of British Columbia Medical Journal (UBCMJ) is a student-driven academic journal with a goal to engage students in dialogue in medicine. Our scope ranges from original research and review articles in medicine to medical trends, clinical reports, and commentaries on the principles and practice of medicine. We strive to stimulate critical and independent thinking, to encourage collaborative production and cross-disciplinary communication, and to maintain a high level of integrity and accuracy in our work.

Online Submission System
All new manuscripts are submitted online via OJS, our online submissions system. New authors are required to register an account as “Author” and select “New Submission” after logging in. Please direct questions to the Managing Editors at managing.editor@ubcmj.com. Please refer to the Submission Checklist to ensure documentation is complete. When submitting revisions during the review process, continue uploading appropriately titled files to the same OJS submission rather than creating a new submission.

Author Eligibility
Authors must acknowledge and declare any sources of funding or potential conflicting interest, such as receiving funds or fees by, or holding stocks and benefitting financially from, an organization that may profit or lose through the publication of the submitted paper. All authors must submit a COI Disclosure form as a supplemental document on OJS. Declaring a competing interest will not necessarily preclude publication but will be conducive to UBCMJ's goal of transparency. If the article is accepted for publication, the editors will discuss with the authors the manner in which such information is to be communicated to the reader. UBCMJ expects that author(s) of accepted articles do not have any undisclosed financial ties to or interest in the makers of products discussed in the article.

In the interest of full transparency, no current members of UBCMJ staff will be permitted to publish in the journal, except for those officially invited in a staff writer
capacity. This policy is intended to limit potential conflicts of interest. All former members of *UBCMJ* staff are exempted from this policy, as they will not have involvement in the workings of the journal at the time of their submission.

**Article Originality**
Authors must declare that all works submitted to *UBCMJ* contain original, unpublished content and have been referenced according to Vancouver style. Written content which displays excessive similarity to previously published works, including works written by the submitting authors, will not be published by *UBCMJ*. This policy is consistent with the UBC policy on plagiarism (please see 2.2) and with the International Committee of Medical Journal Editors’ Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals. *UBCMJ* editorial staff reserves the right to request revisions, to deny publication or to require retraction of submitted or published work that contains clear violations of this policy.

**Ethics**
*UBCMJ* expects that research involving human participants or animal subjects will adhere to the appropriate national standards for research ethics, such as those set out in the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans and the Canadian Council on Animal Care Guidelines. Researchers should also have received approval from the appropriate institutional review board, and the approved protocol must be documented in the text of the manuscript. Further documentation of this approval may be requested by *UBCMJ* Editors. Where the research reports contain any information that could potentially be used to identify a person, including images and written information, the researchers must obtain written consent from such individuals.

**Article Types and Content**
We seek to establish ourselves as one of the leading student-driven publications in Canada and internationally and expect high-quality submissions. We accept submissions in all areas of medicine, including but not limited to research, reviews, case reports, medical history, ethics, medical anthropology, epidemiology, public
health, and international health. For more information for each article type, please refer to the text following the table.

<table>
<thead>
<tr>
<th>Category</th>
<th>Article Type</th>
<th>Description</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Research</td>
<td>Full-length Articles</td>
<td>Student-driven research projects</td>
<td>• 3000-words for body*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 250-word <strong>structured</strong> abstract*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• <strong>Principal investigator/supervisor</strong> must be listed as last author and must hold a current faculty appointment at UBC**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Faculty Sponsor not required</td>
</tr>
<tr>
<td></td>
<td>Research Letters</td>
<td>Concise, focused reports of original research</td>
<td>• 800-words for body*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• No abstract</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• <strong>Principal investigator/supervisor</strong> must be listed as last author and must hold a current faculty appointment at UBC**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Faculty Sponsor not required</td>
</tr>
<tr>
<td>Case Reports</td>
<td>Case Reports</td>
<td>Summary of patient encounters in a clinical or public health setting</td>
<td>• 1500-words for body*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• 250-word abstract*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• <strong>Principal investigator/supervisor</strong> must be listed as last author and must hold a current faculty appointment at UBC**</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Faculty Sponsor not required</td>
</tr>
<tr>
<td>Category</td>
<td>Sub-category</td>
<td>Description</td>
<td>Requirements</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Reviews             | Reviews      | Critical assessment of literature focusing on the body of scientific work    | • 1750-words for body*  
• 250-word abstract*  
• Faculty sponsor is required (see page 9 for details) |
| News and Letters    | News Articles | Highlight current events in the field of medicine                            | • 750-words*  
• No abstract  
• Faculty sponsor is required (see page 9 for details) |
|                     | Letters to the Editor | Letters discussing a past or present article published in UBCMJ | • 250-words*  
• No abstract  
• Faculty sponsor is required (see page 9 for details) |
| Commentaries        | Commentaries | Subjective pieces in virtually any topic in medicine, research, discovery, education, ethics, and health policy | • 1000-words for body*  
• 100-word abstract*  
• Faculty sponsor is required (see page 9 for details) |

*All word counts are strong recommendations, though we will allow for reasonable variability.

**UBC faculty appointment (includes affiliate appointments) at the rank of instructor or higher (including clinical)
Academic Research
Research articles report student-driven research projects and succinctly describe findings in a manner appropriate for a general medical audience. The articles should place findings within the context of current literature in their respective disciplines.

Full-Length Articles should approximate 3000 words excluding abstract, figures, tables, and references. The main text must be structured with sections ordered as follows: Introduction, Materials and Methods, Results, Discussion, Acknowledgements (if any), References, Conflicts of Interest (if any), Figures and Tables (if any). An appropriate Discussion section should include an explanation of the findings in the context of the existing literature, provide a thorough overview of the study's limitations, and provide brief statements outlining the study's implications. Subheadings within sections are encouraged if they facilitate the presentation of the material. Each full-length article must include a structured abstract should approximate 250 words with sections ordered as follows: Objectives, Methods, Results, Conclusions. Figures and tables should be presented in the same document as the main text, at the end of the document. High quality figures and tables should also be separately uploaded as supplemental documents on OJS.

Research Letters summarize research of a shorter length and depth. These do not require extensive elaborations regarding methods or results. Research letters should approximate 800 words with a maximum of 2 figures or tables. Abstracts are not required for research letters.

Case Reports
Case Reports describe patient encounters in a clinical or public health setting. The main text should approximate 1500 words. Abstracts are unstructured and must approximate 250 words. The case should provide a relevant teaching point for medical students, either by describing a unique condition or by presenting new insights into the diagnosis, presentation, or management of a common condition. Each case report should include a brief introduction that provides background information pertinent to the case, a history of the presenting problem, a discussion of relevant signs, symptoms, diagnostic tests, pathophysiology of the condition, and
potential treatment options. A clear rationale for the ultimate diagnosis and treatment plan should be outlined.

**Reviews**

Reviews provide an overview of a body of scientific work in academic literature or a medical trend in biomedical research. Reviews may outline a current medical issue or give insight into the principles of practice of a clinical field. The main text should approximate 1750 words. Abstracts are unstructured and should approximate 250 words. Author(s) may choose to review the etiology, diagnosis, treatment, or epidemiology of a specific disease. Articles may also provide a survey of literature dealing with pertinent philosophy or social sciences.

**News and Letters**

Abstracts are not required for News and Letters submissions. There are 2 main types of submissions:

1. **News Articles** highlight current events in the field of medicine as well as significant medical advancements. Articles should approximate 750 words.

2. **Letters to the Editor** are meant for readers to express their opinion in response to any articles published in past issues of *UBCMJ*. Articles should approximate 250 words.

**Commentaries**

Commentaries provide a platform for intellectual dialogue on topics relevant to the study and practice of medicine. Articles submitted to this section should correspond to one of the following descriptions outlined below. Commentaries should approximate 1000 words. Abstracts are unstructured and should approximate 100 words. There are 2 main types of submissions:

1. **Subjective pieces** relevant to medical studies, life as a future physician, or the current social context of medicine. Commentaries may draw on personal experiences to convey the writer’s perspective.

2. Articles that highlight the **significance** of an interesting research study or topic from a clinical perspective. In critiquing published work, author(s) should
summarize the research methodology and findings, critically evaluate the experimental design, suggest future experiments, and discuss current research trends in that field.

Preparation and Submission Requirements

All manuscripts must be submitted in electronic format through the online submission system. Formatting must conform strictly to the ICMJE Uniform Requirements for Manuscripts Submitted to Biomedical Journals, also known as the Vancouver Style.

Files should be submitted as Microsoft Word documents (.doc or .docx) and follow the submission format (found in Appendix 1). Manuscripts not conforming to UBCMJ style will be returned with a request for revision. Articles should be written in a manner that conveys professionalism and is appropriate for a journal suitable for the quality and calibre of our publication. Manuscript pages must be numbered consecutively with the title page constituting page 1.

Cover Letter
A cover letter should be included in the online submission and uploaded as a separate document to the manuscript, under “Supplemental Files”.

The cover letter should include:

- A statement indicating that the paper is being submitted for consideration for publication in UBCMJ.
The type of submission (e.g. Academic Research, Case Reports, Reviews, News and Letters, Commentaries) and up to 5 keywords (MeSH headings) describing the article.

Preferably, up to 3 recommendations for faculty reviewers. While this is not required to complete the submission, this step is pivotal to our review process. Authors must suggest reviewers that will be able to critically appraise all aspects of the paper. Please be aware that reviewers will sign a statement of disclosure indicating any potential conflicts of interest in reviewing the manuscript.

If required, the name, qualifications, and contact information of a faculty member who has agreed to sponsor the article (see below for more information).

Faculty Sponsors for Reviews, News Articles, Letters to Editor, and Commentaries

A UBC Faculty sponsor must 1) hold a current faculty appointment at UBC (includes affiliate appointments) at the rank of instructor or higher (including clinical), 2) be an expert in the field either via relevant research or clinical practice, 3) read the manuscript in its entirety, fact check (ensure that the manuscript is factual and sound) and ensure that there is no plagiarism and 4) confirm that the content and style of the manuscript is suitable for submission to an academic journal.

The author(s) must include the name, qualifications and contact information of the sponsor in their cover letter and confirm in writing that the individual has agreed to sponsor the manuscript.

Manuscript Components

The main manuscript file should include the components: a title page, abstract, main text, references, figure and table legends (if any), figures and tables (if any). Start each of these sections on a new page, numbered consecutively, with the title page as Page 1. Figures and tables should be included at the end of the main manuscript file as well as uploaded separately as supplemental documents.
Title Page
The title page should be the first page of the manuscript document. It should consist of the manuscript title; the full names, highest academic degrees, and affiliations of all authors; name and contact information (email and phone number) of the corresponding author; manuscript word count not including title, abstract, acknowledgements, conflicts of interest, references, figures and table legends), and abstract word count. If the corresponding author is a medical student, please include their medical school class and site (e.g. VFMP 2021).

Tables, Figures, and Graphics
Authors are responsible for obtaining permission to use any tables, graphics, or figures adapted from other sources. All tables, figures, and graphics must be submitted with the manuscript’s main text as well as uploaded as supplemental documents on OJS. List all figure and table legends after the main text, then embed each figure and table on a separate page. The legend should describe the figure and explain all abbreviations used. Figures should be digitally rendered; freehand-drawn figures, scanned figures and direct SPSS output will not be accepted. We accept the following image formats:

- JPEG 300 dpi or higher, minimum compression
- GIF 300 dpi or higher (NOT accepted for photographs)
- TIFF (photos only, no text, minimum 300 dpi)

References
Authors are responsible for the accuracy of references cited within the manuscript. References should follow the order in which they appear in the text. References must adhere to the Vancouver Style.

In-text references
In-text references should be indicated by numbering within SQUARE parentheses placed IMMEDIATELY AFTER punctuation marks where applicable (no space): Diane Wu and Pam Verma, UBC medical students,[1] started the new UBCMJ in 2009.[2]
Journal titles
Journal titles should be written in their abbreviated versions (abbreviations found here). Only the first letter of the first word of the journal article is capitalized (as well as names). We also italicize the abbreviated journal title to be consistent with the CMAJ. Unpublished articles and informal communication should also be cited in concordance with the Vancouver Style. Manuscripts are limited to 50 references and author(s) are encouraged to cite the most recent references where appropriate. Abstracts do not need to be referenced. For more information on the Vancouver Style, please visit here.

For journal articles:
Author AA, Author BB, Author CC, Author DD. Title of article. *Italicized and abbreviated title of the journal*. Date of publication YYYY Mon DD;volume number(issue number):page range.

Example:

For websites:
Author/organization’s name. Title of the page [Internet]. Place of publication: Publisher; Date or year of publication [updated YYYY Mon DD; cited YYYY Mon DD]. Available from: URL

Example:

Drug Names
Only generic names should be provided for drugs, except where tradenames are absolutely necessary for context. Drugs not yet available in Canada should be noted as such.
Permission from Contributors
The author(s) must obtain written permission to publish names listed in the Acknowledgements or Contributions where the manuscript or article contains any material(s) (including text, images or other media) or other contribution(s) belonging to others. The author(s) are solely responsible for obtaining permission in writing from the owner(s) for its publication in UBCMJ.

Patient Consent
Where reports or articles contain any information that could potentially be used to identify a person, including images and written information, the author(s) must obtain written consent from the individual using the Patient Consent for Publication form provided by UBCMJ. It is expected that the patient will have been provided with a final draft of the article and informed of the possible risks of this disclosure. Patient consent is not to be sent to the journal with your submission but must be retained by the authors for a period of five (5) years. It is expected that the author has read and understood UBCMJ’s consent policy prior to submission.

Review Process
Submissions will be initially reviewed by the relevant UBCMJ Section Editors as part of an initial screening process. Articles selected for further review will be sent as anonymized manuscripts to up to 3 reviewers: one faculty member, clinician, or professional expert and one or two medical students. UBCMJ uses a double-blind peer review process: reviewer identities are kept confidential; author identities are also kept confidential.

The results of the review process will then be consolidated by the Section Editors, who will make a decision as to recommending the manuscript for publication. A committee of the Editors-in-Chief, Managing Editors, and Section Editors will determine if an article is accepted as well as what revisions are required. The editors reserve the right to edit manuscripts, overrule the decision of a peer reviewer, fit articles into available space, or suggest further changes to ensure conciseness, clarity, and consistency of the journal. Articles may be accepted for publication, accepted with revisions, or rejected. Author(s) will be notified of the status
of their submission via email and comments of the reviewers will be communicated at that time.

Should an article be returned for revisions, author(s) will have two weeks upon return of the paper to make the necessary changes and return the corrected paper to the corresponding Section Editor. Manuscripts may go through two to three rounds of revisions before being accepted for copyediting. The author(s) of accepted manuscripts will be required to authorize publication of the manuscript in its final format prior to its appearance in the journal. Revised copies of the manuscripts should be uploaded onto the OJS under “Editor Decision”. Should a paper be rejected, the author(s) will be notified as to the decision and be encouraged to re-submit after responding to all the reviewers’ comments and making corresponding changes to the manuscript. The re-submitted manuscript will be considered a new submission and will be subject to the standard review process of UBCMJ.

** Please note that views expressed in this journal do not necessarily reflect the views of the editors, the Faculty of Medicine, or any organizations affiliated with this publication. They are solely the author(s)’ opinion and are intended to stimulate academic dialogue.

**Deadlines**
The UBCMJ works on a very tight review and production schedule. Due to the large number of submissions expected, and in order to expedite the review process, it is strongly suggested that authors submit their manuscript as early as possible prior to the submission deadline. Earlier submissions are more likely to undergo review for the intended edition. Articles that cannot be reviewed for the current issue due to volume will be reviewed in the next cycle of submissions with priority status.

**Correspondence**
For any questions related to your submission, please contact the appropriate Section Editors. Thank you.

Academic Research (academic@ubcmj.com)
Case and Elective Reports (reports@ubcmj.com)
Reviews (reviews@ubcmj.com)
News and Letters (news@ubcmj.com)
Commentaries (commentaries@ubcmj.com)
Do not hesitate to contact the Managing Editor at managing.editor@ubcmj.com if you have any other submission-related inquiries.

Appendix 1: Submission Template
How to format submissions to the UBCMJ: an overview

John A. Smith, BSc; Jane B. Doe, MPH; Robert E. Baker, MD; Elizabeth R. Lee, PhD;
Alexander Y. Park, MD, PhD

1. Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada V6T 1Z3
2. Centre for Heart Lung Innovation, St. Paul’s Hospital, BC, Canada V6Z 1Y6
3. The Lung Centre, Vancouver General Hospital, Vancouver, BC, Canada V5Z 1M9

Corresponding Author:
Alexander Y. Park, MD, PhD
Faculty of Medicine
The University of British Columbia
317-2194 Health Sciences Mall
Vancouver, BC, Canada V6T 1Z3

Author contributions:
Literature search: JAS, AYP
Data collection: JAS, JBD, AYP
Study design: JAS, JBD, AYP
Analysis of data: JAS, JBD, REB, ERL, AYP
Manuscript preparation: JAS, JBD, REB, ERL, AYP
Review of manuscript: JAS, JBD, REB, ERL, AYP

Funding: This project was funded by the University of British Columbia Medical Journal Alumni Foundation. The funding organization was not involved in study design, data collection and analysis, interpretation of results, writing of the manuscript, or decision to submit the article for publication.

Conflict of interest: No conflicts of interest to declare.

Abstract word count: 249
Manuscript word count: 1,439

Number of figures: 1
Number of tables: 1

ALL SUBMISSIONS MUST HAVE A TITLE PAGE, REGARDLESS OF THE ARTICLE TYPE

In general, manuscript should be written in:
- Times New Roman (12 pt) or Arial (11 pt), with the exception of major headings (see details)
- Margins: 2.54 cm all around
- Line numbers along the right margin
- Page number at bottom right corner
ABSTRACT

Background and purpose: Please provide a brief background on your research topic. Clearly state the purpose or central message of your manuscript. This section is generally 2-3 sentences.

Methods: Highlight the main methodology and statistical analyses used in your paper.

Results: Summarize the key findings of your research. The Results section generally tends to be the longest section of your abstract.

Conclusions: A brief 1-2 sentence summary of your main findings or take-home message.

Original research, case reports, reviews, and commentaries require an abstract.

All abstracts have 250-word limit, with the exception of commentaries (100-word limit).

Abstract for original research should be structured, as shown here. Headings do not count towards the 250-word limit.
INTRODUCTION

Provide relevant background information for readers to understand the context of your research. Conclude this section with a clear statement regarding the purpose of this manuscript.

METHODS

Sub-heading 1

Provide a detailed outline of your methodology and statistical analysis. Organizing your Methods section with the use of sub-headings improves readability. Provide your research ethics certificate number here if your study required ethics approval.

Sub-heading 2

Provide a detailed outline of your methodology and statistical analysis. Organizing your Methods section with the use of sub-headings improves readability. Provide your research ethics certificate number here if your study required ethics approval.

RESULTS

Sub-heading 3

State findings from your research in this section. Using sub-headings that correspond to the ones in the Methods section may help with the organization of your manuscript.

Sub-heading 4

State findings from your research in this section. Using sub-headings that correspond to the ones in the Methods section may help with the organization of your manuscript.
DISCUSSION

Begin with a brief one-paragraph summary of your key methodology. Provide interpretation and implications of your findings. Discuss potential limitations or biases (and how you addressed them).

CONCLUSIONS

A one-paragraph summary of key methodology and findings.
ACKNOWLEDGEMENTS

The authors would like to acknowledge the patients who allowed us to conduct this research. We would also like to thank the hospital staff that contributed to patient recruitment. This work was supported by the University of British Columbia Medical Journal Alumni Foundation.
Figure 1. Frequency distributions of daily step count and weekly MVPA minutes in patients with fibrotic ILD measured by waist activity monitors at baseline and 6-month follow-up. Dashed line indicates a minimum of 150 MVPA minutes/week recommended by physical activity guidelines; the percentage indicates the portion of patients who met this recommendation.

Abbreviation: MVPA, moderate-to-vigorous physical activity.
### TABLES

**Table 1.** Unadjusted association of baseline clinical variables with physical activity at baseline and at 6-month follow-up.

<table>
<thead>
<tr>
<th>Variables</th>
<th>Baseline (n=111)</th>
<th>6-month follow-up (n=91)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Daily steps</td>
<td>MVPA (min/week)</td>
</tr>
<tr>
<td>Age, years</td>
<td>-0.39 (&lt;0.001)</td>
<td>-0.36 (&lt;0.001)</td>
</tr>
<tr>
<td>Male sex</td>
<td>- (0.52)</td>
<td>- (0.26)</td>
</tr>
<tr>
<td>Ever-smoker</td>
<td>- (0.042)</td>
<td>- (0.01)</td>
</tr>
<tr>
<td>Pack-years</td>
<td>-0.13 (0.20)</td>
<td>-0.18 (0.08)</td>
</tr>
<tr>
<td>Body mass index, kg/m²</td>
<td>-0.15 (0.17)</td>
<td>-0.15 (0.12)</td>
</tr>
<tr>
<td>IPF vs. non-IPF</td>
<td>(0.17)</td>
<td>(0.72)</td>
</tr>
<tr>
<td>FVC, % predicted</td>
<td>0.41 (&lt;0.001)</td>
<td>0.40 (&lt;0.001)</td>
</tr>
<tr>
<td>DLCO, % predicted</td>
<td>0.55 (&lt;0.001)</td>
<td>0.54 (&lt;0.001)</td>
</tr>
<tr>
<td>Depression (HADS)</td>
<td>-0.30 (0.001)</td>
<td>-0.17 (0.07)</td>
</tr>
<tr>
<td>Anxiety (HADS)</td>
<td>-0.05 (0.57)</td>
<td>-0.01 (0.86)</td>
</tr>
<tr>
<td>Sleep quality (PSQI)</td>
<td>-0.15 (0.12)</td>
<td>-0.09 (0.36)</td>
</tr>
<tr>
<td>Pain severity (BPI-SF)</td>
<td>-0.22 (0.02)</td>
<td>-0.16 (0.10)</td>
</tr>
</tbody>
</table>

Data shown are Spearman rank correlations with *p*-values in brackets. The Wilcoxon rank sum test was used for categorical variables.

**Abbreviations:** BPI-SF, Brief Pain Inventory short form; DLCO, diffusing capacity of the lungs for carbon monoxide; FVC, forced vital capacity; HADS, Hospital Anxiety and Depression Scale; IPF, idiopathic pulmonary fibrosis; IQR, interquartile range; MVPA, moderate-to-vigorous physical activity; PSQI, Pittsburgh Sleep Quality Index.