

Resources for Pathologists' Assistants During the COVID-19 Pandemic

These links are provided as a resource for Pathologists' Assistants and will be updated frequently. However, as the information is rapidly updated, there may be more recent information available. Please rely on your hospital's preparedness team for the most up-to-date results. If you have corrections or requests for additional resources, please [contact us](#).

Surgical Pathology:

- **General Grossing**
 - o Official CAP Guidance: <https://www.cap.org/laboratory-improvement/news-and-updates/cap-responds-to-your-covid-19-questions> (added 4/3/2020)
- **Lung Specimens**
 - o Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-nCoV/lab/lab-biosafety-guidelines.html>
 - o Additional Studies:
 - [https://www.jto.org/article/S1556-0864\(20\)30132-5/fulltext](https://www.jto.org/article/S1556-0864(20)30132-5/fulltext)
 - https://www.who.int/docs/default-source/coronaviruse/laboratory-biosafety-novel-coronavirus-version-1-1.pdf?sfvrsn=912a9847_2
 - <https://academic.oup.com/ajcp/advance-article/doi/10.1093/ajcp/aqaa047/5810006>
 - <https://www.cdc.gov/coronavirus/2019-nCoV/lab/guidelines-clinical-specimens.html> (updated 4/14/2020)
 - <https://www.cdc.gov/coronavirus/2019-nCoV/lab/guidelines-clinical-specimens.html> (added 4/17/2020)
 - <https://www.nature.com/articles/s41379-020-00661-1> (added 9/15/2020)
- **ENT Specimens**
 - o Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-nCoV/lab/lab-biosafety-guidelines.html>
 - o Additional Studies:
 - <https://www.nejm.org/doi/full/10.1056/NEJMc2001737>
 - <https://jcp.bmj.com/content/early/2020/05/27/jclinpath-2020-206635.long> (added 6/22/2020)
- **Bowel Resections**
 - o Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-ncov/php/water.html>
 - o Additional Studies:
 - <https://jamanetwork.com/journals/jama/fullarticle/2762997>
- **Placenta:**
 - o Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-nCoV/lab/lab-biosafety-guidelines.html>
 - o Additional Studies:
 - <https://www.archivesofpathology.org/doi/10.5858/arpa.2020-0901-SA>
 - <https://academic.oup.com/cid/advance-article/doi/10.1093/cid/ciaa225/5803274>
 - [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(20\)30360-3/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)30360-3/fulltext)

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7196550/pdf/main.pdf> (added 5/14/2020)
- <https://www.ncbi.nlm.nih.gov/research/coronavirus/publication/32741970> (added 9/15/2020)
- <https://www.nature.com/articles/s41379-020-0639-4> (added 9/15/2020)
- **Kidney**
 - o Official CDC Guidance:
 - o Additional Studies:
 - <https://jasn.asnjournals.org/content/early/2020/05/05/ASN.2020040432.long> (added 6/22/2020)
- **Formalin Fixed Tissue**
 - o Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-ncov/lab/lab-biosafety-guidelines.html>
 - o Additional Studies:
 - https://www.who.int/csr/sars/survival_2003_05_04/en/
 - <https://www.sciencedirect.com/science/article/pii/S016609340400179X>
- **Frozen Section**
 - o Official CDC Guidance:
 - o CDC Clinical Laboratories COVID-19 Response Weekly Calls:
 - https://www.cdc.gov/safelabs/resources-tools/covid-19-weekly-clinical-calls/2020-april.html#anchor_1587997932 (added 5/14/2020)
 - [April 20 meeting slides](#) (added 5/14/2020)
 - [April 20 meeting transcript](#) (added 5/14/2020)
 - o Official CAP Guidance: <https://www.cap.org/laboratory-improvement/news-and-updates/cap-responds-to-your-covid-19-questions> (added 4/3/2020)
 - o Additional Studies:
 - <https://www.tandfonline.com/doi/full/10.1080/01478885.2020.1734718>
 - <https://www.pathologica.it/article/view/147> (added 9/15/2020)
- **Diagnostic Delays**
 - o Official CDC Guidance:
 - o Additional Studies:
 - <https://jcp.bmj.com/content/jclinpath/early/2020/06/19/jclinpath-2020-206833.full.pdf> (added 6/22/2020)

Autopsy Resources:

- Official CDC Guidance: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-postmortem-specimens.html>
- CDC Clinical Laboratories COVID-19 Response Weekly Calls:
 - o https://www.cdc.gov/safelabs/resources-tools/covid-19-weekly-clinical-calls/2020-april.html#anchor_1587997932 (added 5/14/2020)
 - o [April 20 meeting slides](#) (added 5/14/2020)
 - o [April 20 meeting transcript](#) (added 5/14/2020)
- Official CAP Guidance: <https://documents.cap.org/documents/COVID-Autopsy-Statement-09april2020b.pdf> (added 4/17/2020)

- Additional Studies:
 - o <https://jcp.bmj.com/content/early/2020/03/20/jclinpath-2020-206522.full>
 - o https://apc.memberclicks.net/assets/docs/COVID19%20autopsies%20v4-D.Remick_03.17.20.pdf (added 4/3/2020)
 - o <https://academic.oup.com/ajcp/advance-article/doi/10.1093/ajcp/aqaa156/5900519> (added 9/15/2020)

CAP Inspection:

- <https://www.cap.org/news/2020/latest-on-the-novel-coronavirus-covid-19#us-inspections> (added 6/22/2020)

Cytology:

- <https://acsjournals.onlinelibrary.wiley.com/doi/10.1002/cncy.22280> (added 4/17/2020)

Safe Handling:

- <https://www.cdc.gov/labtraining/training-courses/biological-safety-cabinets.html>
- <https://www.osha.gov/SLTC/covid-19/controlprevention.html>
- <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2> (added 4/3/2020)
- https://wwwnc.cdc.gov/eid/article/26/7/20-0885_article (added 4/17/2020)
- <https://cnaclasesnearme.com/how-to-properly-wash-your-hands/> (added 7/28/2020)
- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html> (added 7/28/2020)
- <https://onlinelibrary.wiley.com/doi/full/10.1111/cod.13626> (added 9/15/2020)

Surgical Considerations:

- [“Guidelines for Triage of Elective Cancer Surgery Patients”](#)
- [ACS/COC guidelines for the evaluation and management of thoracic patients](#)
- [Recommendations for Prioritization, Treatment and Triage of Breast Cancer Patients During the COVID-19 Pandemic: Executive Summary](#)
- [Multidisciplinary Management of Colorectal Cancer During COVID-19](#)
- <https://www.facs.org/covid-19/clinical-guidance/roadmap-maintain-essential-surgery> (added 9/15/2020)

Mental Health Resources:

- (Meditation) Headspace (Free 3-Month Trial): <https://www.surveymonkey.com/r/C6DDGNL>
- (Meditation) Insight Timer: <https://insighttimer.com/>
- NAMI: <https://nami.org/Find-Support>
- Panic Attack Information: <https://www.therapistaid.com/therapy-worksheet/panic-info-sheet>

- ASCP Course on Burnout: <https://store.ascp.org/productlisting/productdetail?productid=124494054> (added 6/22/2020)
- The Art of Living Wellness Program: <https://event.us.artofliving.org/us-en/hcp-online-wellness-program/> (added 6/22/2020)
- UCSF Webinar: <https://psych.ucsf.edu/coronavirus/webinars> (added 6/22/2020)
- Professional Quality of Life Scale: <https://www.utsouthwestern.edu/education/graduate-medical-education/assets/pro-qol-english-self-score.pdf> (added 6/22/2020)
- Emotional PPE Project (Cost-Free Therapy for Health Care Workers): <https://www.emotionalppe.org> (added 9/15/2020)

Unemployment Resources:

- Overview: <https://www.dol.gov/coronavirus>
- State Specific Aid:
 - <https://www.careeronestop.org/LocalHelp/UnemploymentBenefits/find-unemployment-benefits.aspx>

Coronavirus Background:

- <https://thepathologist.com/subspecialties/the-covid-19-pandemic-a-summary>
- <https://www.researchsquare.com/article/rs-19346/v1>
- [https://linkinghub.elsevier.com/retrieve/pii/S2213-2600\(20\)30116-8](https://linkinghub.elsevier.com/retrieve/pii/S2213-2600(20)30116-8)
- <https://www.nejm.org/doi/full/10.1056/NEJMoa2001316>
- <https://jcp.bmj.com/content/early/2020/03/20/jclinpath-2020-206522.full>
- <https://pubmed.ncbi.nlm.nih.gov/32172546/>
- [https://www.thelancet.com/journals/lanres/article/PIIS2213-2600\(20\)30076-X/fulltext](https://www.thelancet.com/journals/lanres/article/PIIS2213-2600(20)30076-X/fulltext)
- <https://pubmed.ncbi.nlm.nih.gov/32196410/>
- [https://www.jto.org/article/S1556-0864\(20\)30132-5/pdf](https://www.jto.org/article/S1556-0864(20)30132-5/pdf)
- <https://www.google.com/amp/s/consultqd.clevelandclinic.org/a-pulmonary-pathologists-perspective-on-covid-19/amp/>
- <https://www.lecturio.com/covid-19-coronavirus-disease-2019>
- <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html> (added 4/3/2020)
- <https://curriculum.covidstudentresponse.org> (added 4/3/2020)
- <https://coronavirus.jhu.edu/map.html> (added 9/15/2020)

Remote Slide Review:

- <https://www.cms.gov/files/document/qso-20-21-clia.pdf-0> (added 4/3/2020)

ACS COVID-19 Registry:

- <https://www.facs.org/quality-programs/covid19-registry> (added 4/23/2020)