

Instructions to candidates:

How to join the program:

- This online quiz program is free and open to all pathology residents from any country.
- Send me the following details (email: issamfrancis@gmail.com or WA: +96599807342): First and Last names, Country, Center, Residency Year. An invitation email with account details will be sent to your personal email provided upon registration
- An online interactive quiz of 60 MCQs will be posted on the first day of each month of 2021 based directly on the 10 review articles in pathology journals.
- If you are already registered in either the *IPQ* or *Read & Test 2020*, you don't need a new registration.

How to Login and do the online test:

- Log in to your quiz account <https://www.flexiquiz.com/Account/Login> using your **IPQ Username and Password** given in the invitation email. If you lost/forgot your password, click (**Forgot Password?**), Enter your email, and follow the instructions. If you still face a problem, email me at: issamfrancis@gmail.com for support.
- You have 3 attempts to do the quiz. You are advised to attempt the quiz before and after reading to measure your knowledge gained from reading.
- Pass mark for quiz is 50 %. Time of quiz is 100 minutes.
- You need to secure at least 30% to obtain a certificate of quiz completion. You will then receive a certificate with 3 CME points via email. Total CMEs assigned to the Read & Test 2021 program is 51 category 2 CMEs.
- All quiz material is protected copyright and cannot be posted on the web or social media.
- This quiz was kindly reviewed for scientific content by Dr. Monika Hofer (Consultant Neuropathologist and Honorary Senior Clinical Lecturer, Oxford University Hospitals, UK)

Please read the resources (1-10) listed below and attempt the online quiz. Due to copyright restrictions, I cannot share with you the review articles. Some are open source on the web but are restricted. You are advised to request the help of academic staff in your center/country.

1. Christine Fuller. **A little piece of mind: best practices for brain tumor intraoperative Consultation.** *Modern Pathology* (2019) 32: S44–S57.
2. Sarah Lapointe, Arie Perry, Nicholas A Butowski. **Primary brain tumours in adults.** *The Lancet*, 392(10145), 432–446.
3. Jared Ahrendsen, & Sanda Alexandrescu. **An Update on Pediatric Gliomas.** *Surgical Pathology* 13 (2020) 217–23.
4. David M. Meredith. **Advances in Diagnostic Immunohistochemistry for Primary Tumors of the Central Nervous System.** *Advances In Anatomic Pathology*. 27(3):206-219, May 2020.
5. Marissa Spino, DO* and Matija Snuderl. **Genomic Molecular Classification of CNS Malignancies.** *Adv Anat Pathol* Volume 27, Number 1, January 2020.
6. Melissa M. Blessing, Sanda Alexandrescu. **Embryonal Tumors of the Central Nervous System: An Update.** *Surgical Pathology* 13 (2020) 235–247.
7. David M. Meredith. **Molecular Diagnostics in Lymphoid Neoplasms of the Central Nervous System.** *Surgical Pathology* 13 (2020) 267–276.
8. Jeffrey Helgager et al. **Molecular Advances in Central Nervous System Mesenchymal Tumors.** *Surgical Pathology* 13 (2020) 291–303.
9. Mark Fabian & Mark Walker. **The neuropathology of brain metastases.** *Diagnostic Histopathology*, Vol 25, P1-7, January, 01, 2019.
10. Rati Chkheidze and Peter Pytel. **What Every Neuropathologist Needs to Know: Peripheral Nerve Biopsy.** *J Neuropathol Exp Neurol*, Vol. 79, No. 4, April 2020, pp. 355–364.