

LAMPIRAN

Lampiran 1. Letter Of Acceptance (LOA)



JURNAL NERS
Research & Learning in Nursing Science
<http://journal.universitaspahlawan.ac.id/index.php/ners>



Agustus 21, 2023

Kepada Author Yth,

Jamilatul Alvia^{1*}, Nabil Salim Ambar Detti Nur Irawati², Ayu Lidya Paramita³

^{1,2,3}Fakultas Kedokteran, Universitas Muhammadiyah Surabaya

*Corresponding author email: jamilatulalvia@gmail.com

Dengan senang hati kami informasikan bahwa makalah Anda yang berjudul "**TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19**" telah diterima oleh **Jurnal Ners** untuk **Vol. 7 No. 2, OKTOBER 2023**.

Jurnal Ners (Online ISSN 2580-2194) dikelola dan diterbitkan oleh Program Studi Keperawatan, Fakultas Ilmu Kesehatan (FIK), Universitas Pahlawan Tuanku Tambusai. Fokus Jurnal Ners meliputi bidang kajian riset keperawatan diantaranya Keperawatan Medikal Bedah, Keperawatan Matermitas, Keperawatan Gawat Darurat, Keperawatan Anak, Keperawatan Lansia, Keperawatan Jiwa, Keperawatan Keluarga, Keperawatan Masyarakat, Manajemen Keperawatan dan Terapi Komplementer yang dapat menunjang tindakan keperawatan. Berdasarkan hasil Akreditasi Jurnal Ilmiah Periode I Tahun 2021 dan telah diterbitkannya Surat Keputusan Direktur Jenderal Pendidikan Tinggi, Riset, dan Teknologi, Nomor: 158/E/KPT/2021, tanggal 29 Desember 2021 **Jurnal Ners** terdaftar sebagai Jurnal Grade 4 (**Sinta 4**).

Terima kasih banyak telah berkontribusi dalam **Jurnal Ners**.

Hormat kami,

A handwritten signature in black ink, appearing to read 'Zurrahmi'.

Zurrahmi Z.R

Editor in Chief Jurnal Ners

Lampiran 2. Dokumentasi saat melakukan penulisan Literature Review

1. Bukti submission di Jurnal Ners

25/07/2023 Submission of an original research article to Jurnal Ners
 Jamilatul Alvia <jamilatulalvia@gmail.com>
Submission of an original research article to Jurnal Ners
 Jamilatul Alvia <jamilatulalvia@gmail.com>
 To: zurrahmi10@gmail.com
 Dear Editor-in-Chief,
 My name is **Jamilatul Alvia** as the corresponding author for this article. We would like to submit the enclosed manuscript entitled "**TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19**", which we wish to be considered for publication in "Jurnal Ners".
 This manuscript has been approved for publication by all authors, and no conflict of interest was found in its submission. This work is hereby declared to be original research and has not been published or considered for publication elsewhere, either in whole or in part. The undersigned authors declare that they have approved the attached manuscript.
 In 2020, the World Health Organization (WHO) declared Coronavirus Disease 2019 (COVID-19) a global pandemic. COVID-19, caused by the novel virus species SARS-CoV-2, spreads rapidly. Effective pandemic management requires precise and accurate diagnostic tools, with RT-PCR being one of the assessments recognized for its accuracy in diagnosing COVID-19. This study aims to determine the sensitivity and specificity levels of RT-PCR in diagnosing COVID-19. Conducted as an observational analytical research through a literature review, the study data were collected from scholarly journals and articles via platforms such as Google Scholar, PLOS ONE, Elsevier, and PubMed. Inclusion criteria involved studies conducted since the emergence of COVID-19, encompassing Randomized Control Trials, Cross-sectional Studies, Case Control Studies, Clinical Trials, and Analytical Research with English or Indonesian language content, focusing on COVID-19 diagnosis using RT-PCR and presenting sensitivity and specificity outcomes. Employing PICO for search and PRISMA for selection, a total of 11 articles were retained from the initial 130 identified articles. The range of RT-PCR sensitivity and specificity varied from 35.39% to 100% and 93.3% to 100% respectively. While RT-PCR remains the gold standard for COVID-19 diagnosis, supplementary investigations like serial RT-PCR or chest CT scans are warranted for symptomatic patients with negative RT-PCR results... I hope this paper is suitable for "Jurnal Ners"
 Thank You very much
 We are looking forward to your kindly response soon.
Fakultas Kedokteran, Universitas Muhammadiyah Surabaya.
 Email : **Jamilatul Alvia** <jamilatulalvia@gmail.com>
 **JAMILATUL ALVIA_NERS template - TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR (1).docx** 1.3M

<https://mail.google.com/mail/u/1/?ik=637ab08ce4&view=pt&search=all&permmsgid=msg-f%3A1661876523797224676&simpl=msg-f%3A142049u8134376....>

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2. Bukti feedback review dari editor dan reviewers Jurnal Ners

28/07/2023 Paper Submission #16482 : TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19
 Jamilatul Alvia <jamilatulalvia@gmail.com>
Paper Submission #16482 : TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19
 Editor Jurnal Ners <zurrahmi10@gmail.com>
 To : **jamilatulalvia@gmail.com**
 Fri, Jul 28, 2023 at 9:35 AM
 Dear Respected Author,
 It's my great pleasure to inform you that your paper encoded "#16482" has been reviewed by our selected reviewers and editors and will be accepted for publishing in **TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19** after moderate revision. The following attachments are sent with regards to you. Kindly revise the manuscript according to reviewer's comments, edited article and specially from Authors Instruction standpoint and submit the revised manuscript within a week.
Please:
 -Indicate the corresponding author
 -Indicate the manuscript type
 -Indicate the manuscript file
 -Include all authors names, affiliation and Email address in revised word file.
 -Acknowledge the receipt of all the documents.
 -Fill and send the Declaration form
 -Don't change the name of files.
 -Highlight all corrections/additions with green colour in revised manuscript.
 -Don't delete the marginal comments
 -The Microsoft Office 2010 or upper versions for opening the manuscript file should be chosen.
If there is anything else, let me know.
 We appreciate your interest in **Jurnal Ners**
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With Kind Regards,
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 Website: <https://journal.universitaspahawian.ac.id/>
 Email: zurrahmi10@gmail.com

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3. Bukti terima *Letter Of Acceptance* (LOA)

21/08/2023 Paper Submission #16482 : TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19

 Gmail

Paper Submission #16482 : TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19

Editor Jurnal Ners <zurrahmi10@gmail.com>
To : jamilatulalvia@gmail.com Mon, Aug 21, 2023 at 8:35 AM

Dear Jamilatul Alvia

It's my pleasure to inform you that, after the peer review, your paper, "TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19" has been ACCEPTED to publish with *Jurnal Ners*. Your article will be published on October 2023, Vol. 7, No. 2, of *Jurnal Ners* (Online ISSN 2580-2194).

There is a **Publication fee that should be paid in advance** for the article. The publication fee will include the following.

1. Article process fee
2. Article formatting fee that includes the figures and tables adjustment
3. Expert Opinion, if required
4. Make it according to the journal's requirement
5. Reference correction, if required
6. Translation of sentences if required

It is my sincere belief that our collaboration will play a significant role in advancing global knowledge creation and dissemination. In order to proceed, we kindly request that you provide the necessary fee for the publication of your article.

If you have any further inquiries or concerns, please do not hesitate to contact me.
Thanks

With Kind Regards,
Jurnal Ners

Jurnal Ners
Website: <https://journal.universitaspahlawan.ac.id/>
Email: zurrahmi10@gmail.com

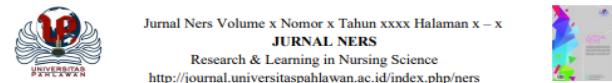
1 attachment

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4. Bukti publikasi naskah



TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID-19

Jamilatul Alvia¹, Nabil Salim Ambar Detti Nur Irawati², Ayu Lidya Paramita³
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Abstrak

Pada tahun 2020, Organisasi Kesehatan Dunia (WHO) menyatakan Coronavirus Disease 2019 (COVID-19) sebagai pandemi global. COVID-19, yang disebabkan oleh spesies virus baru SARS-CoV-2, menyebar dengan cepat. Penanganan pandemi yang efektif membutuhkan alat diagnostik yang tepat dan akurat, dengan RT-PCR sebagai salah satu pemeriksaan yang diajukan keakuratan dalam mendiagnosa COVID-19. Penelitian ini bertujuan untuk mengetahui tingkat sensitivitas dan spesifitas RT-PCR dalam mendiagnosa COVID-19. Dilakukan sebagai penelitian analitik observasional melalui tinjauan literatur, data penelitian dikumpulkan dari jurnal ilmiah dan artikel melalui platform seperti Google Scholar, PLOS ONE, Elsevier, dan PubMed. Kriteria inklusi melibatkan penelitian yang dilakukan sejak munculnya COVID-19, yang mencakup Uji Coba Kontrol Acak, Studi Cross-sectional, Studi Kontrol Kasus, Uji Klinis, dan Penelitian Analitik dengan konten berbahasa Inggris atau Indonesia, dengan fokus pada diagnosis COVID-19 menggunakan RT-PCR dan menyajikan hasil sensitivitas dan spesifitas. Dengan menggunakan PICO untuk pencarian dan PRISMA untuk seleksi, total 11 artikel diperoleh dari 130 artikel yang diidentifikasi. Kisaran sensitivitas dan spesifitas RT-PCR bervariasi dari 35,39% hingga 100% dan 93,3% hingga 100%. Meskipun RT-PCR tetap menjadi standar emas untuk diagnosis COVID-19, pemeriksaan tambahan seperti RT-PCR serial atau CT scan diperlukan untuk pasien bergejala dengan hasil RT-PCR negatif.

Kata Kunci: COVID-19, sensitivitas, spesifitas, RT-PCR.

Abstract

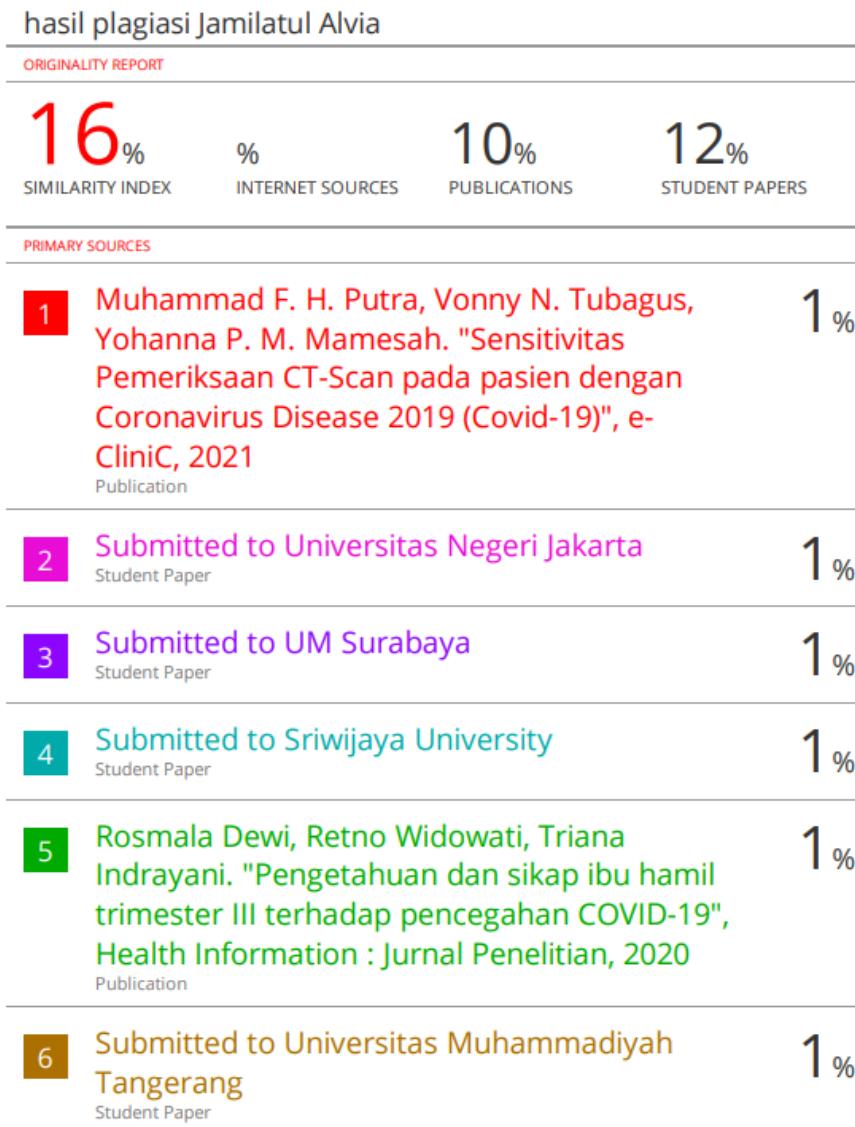
In 2020, the World Health Organization (WHO) declared Coronavirus Disease 2019 (COVID-19) a global pandemic. COVID-19, caused by the novel virus species SARS-CoV-2, spreads rapidly. Effective pandemic management requires precise and accurate diagnostic tools, with RT-PCR being one of the assessments recognized for its accuracy in diagnosing COVID-19. This study aims to determine the sensitivity and specificity levels of RT-PCR in diagnosing COVID-19. Conducted as an observational analytical research through a literature review, the study data were collected from scholarly journals and articles via platforms such as Google Scholar, PLOS ONE, Elsevier, and PubMed. Inclusion criteria involved studies conducted since the emergence of COVID-19, encompassing Randomized Control Trials, Cross-sectional Studies, Case Control Studies, Clinical Trials, and Analytical Research with English or Indonesian language content, focusing on COVID-19 diagnosis using RT-PCR and presenting sensitivity and specificity outcomes. Employing PICO for search and PRISMA for selection, a total of 11 articles were retained from the initial 130 identified articles. The range of RT-PCR sensitivity and specificity varied from 35.39% to 100% and 93.3% to 100% respectively. While RT-PCR remains the gold standard for COVID-19 diagnosis, supplementary investigations like serial RT-PCR or chest CT scans are warranted for symptomatic patients with negative RT-PCR results.

Keywords: COVID-19, sensitivity, specificity, PCR.

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Email : jamilatulalvia@gmail.com
Phone : Nomor HP Penulis

Lampiran 3. Surat Hasil Plagiasi



Lampiran 4. Pernyataan persetujuan publikasi

**PERNYATAAN PERSETUJUAN PUBLIKASI
TUGAS AKHIR UNTUK KEPENTINGAN AKADEMIS**

Sebagai civitas akademis Universitas Muhammadiyah Surabaya (UMSurabaya), saya yang bertandatangan di bawah ini:

Nama	:	JAMILATUL ALVIA
NIM	:	20171880023
Fakultas	:	Kedokteran
Program studi	:	S1 Pendidikan Dokter

Demi pengembangan ilmu pengetahuan, menyetujui untuk memberikan kepada Program Studi Pendidikan Dokter Fakultas Kedokteran UMSurabaya Hak Bebas Royalti Non-Eksklusif atas karya ilmiah saya yang berjudul: "**TINGKAT SENSITIVITAS DAN SPESIFISITAS DARI PENGGUNAAN PCR UNTUK DIAGNOSIS COVID 19**"

Dengan hak bebas royalty non-eksklusif ini, Program Studi Pendidikan Dokter UMSurabaya berhak menyimpan, mangalih media/formatkan, mengelola dalam bentuk pangkalan data (*data base*), merawat dan mempublikasikan tugas akhir selama tetap mencantumkan nama saya dan atau pembimbing saya sebagai penulis dan pemilik Hak Cipta.

Demikian pernyataan ini saya buat dengan sebenar-benarnya.

Surabaya, 23 Agustus 2023
Yang membuat pernyataan,



**JAMILATUL ALVIA
NIM. 20171880023**