

# Report on the South Sudan Medical Journal 2008 – 2021

From the SSMJ Editorial team August 2021

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## Summary

The South Sudan Medical Journal (SSMJ) was started by Dr Eluzai Hakim in 2008, and has now published 56 free online issues under the Editor-in-Chief, Edward Kenyi. SSMJ is a member of African Journal Online (AJOL), is listed by the Directory of Open Access Journals (DOAJ). Readership has increased over the years with 'How to..' articles often being the most popular. The total number of 'visits' during the 12 months from June 2020- May 2021 was 830K. Readers access the journal from most countries but particularly from India and USA, and within Africa most frequently from South Africa and Kenya.

## Introduction

**In Feb 2008 Dr Eluzai Abe Hakim launched the *Southern Sudan Medical Bulletin* which has since developed into the quarterly 24-page free online journal, the South Sudan Medical Journal (SSMJ),**

**the only medical journal in South Sudan.** The Editor-in-Chief is Dr Edward Eremugo Kenyi. We have an Editorial Board of mainly South Sudanese medical consultants and a volunteer Editorial team under the Chief Reviewer, Dr David Tibbutt, and a list of experts who help to locate and review articles.

There are three Trustees (Dr Eluzai Hakim, and Rachel and James Ayrton), one of whom is currently funding the website, who oversee our limited funds.

From 2008 to November 2021, we have published 56 issues each containing around 5-8 main peer reviewed articles and several short items. SSMJ is a member of African Journal Online (AJOL), is listed by the Directory of Open Access Journals (DOAJ) and has a Facebook group (although this is rarely viewed). For a short time, we had funding and were able to print and distribute hard copies in South Sudan. We are presently redesigning our website, and investigating other ways to improve the journal (e.g., adding DOIs [digital object identifiers] to articles).

SSMJ publishes original research, reviews, survey reports, case studies, clinical guidance and letters to the editor, in all fields of medicine, surgery, nursing and public health which are relevant to South Sudan's health needs. We particularly aim to encourage and help health professionals who are new to publishing.

## SSMJ readership: who? what? where?

We have examined data from three sources: AJOL, Google Analytics and our mailchimp mailing list. The journal is also distributed through the networks of the SSMJ team and colleagues.

## Data from AJOL

This [AJOL website](#) shows the number of views of abstracts and downloads of articles over time and by country for each issue of SSMJ (click on the month of interest).

As of July 2021, the site carried 354 titles in 55 issues (since we joined AJOL in 2017). Not all articles in SSMJ are carried by AJOL and it does not show data for specific articles. There has been a big rise in the downloads from 269 in January 2017 to 2373 in July 2021 with peaks in March 2018, March 2019 and November 2020. See Figure AJOL 1.

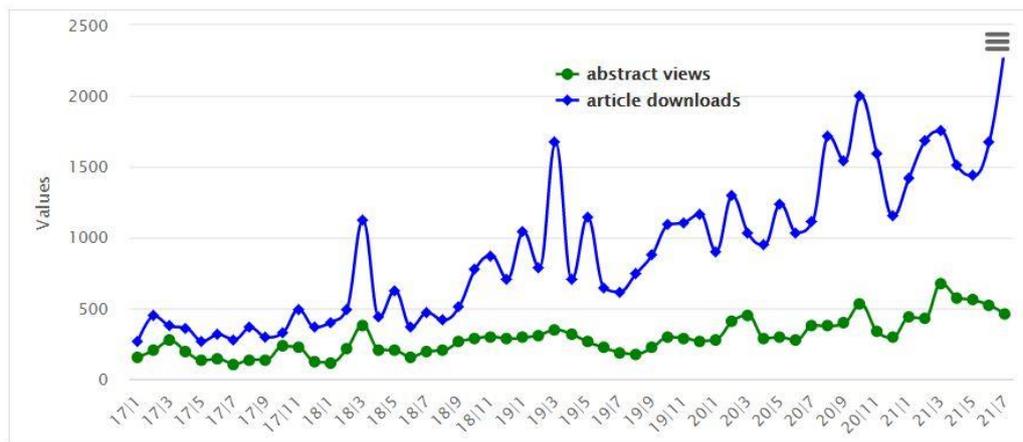


Figure AJOL 1. Views and downloads from each issue from February 2017 to July 2021

The maps in Figures 2a and b show that the countries with the greatest the number of downloads has changed (and increased) between 2017 and 2021.

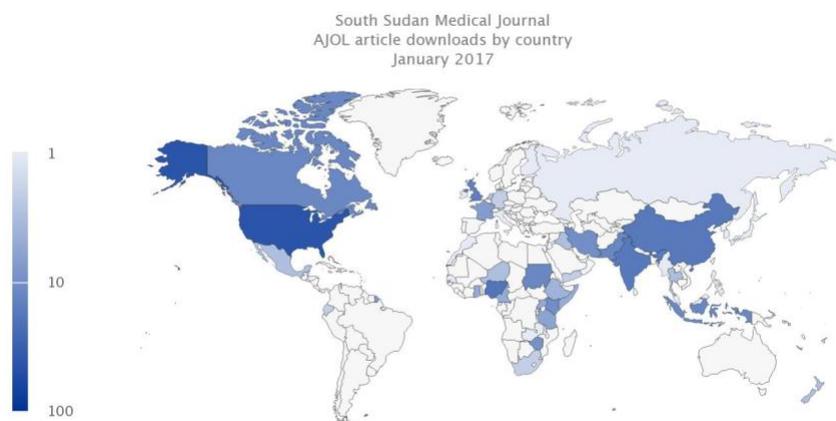


Figure AJOL 2a. Number of articles downloaded by country in February 2017 (note: scale 1-100)

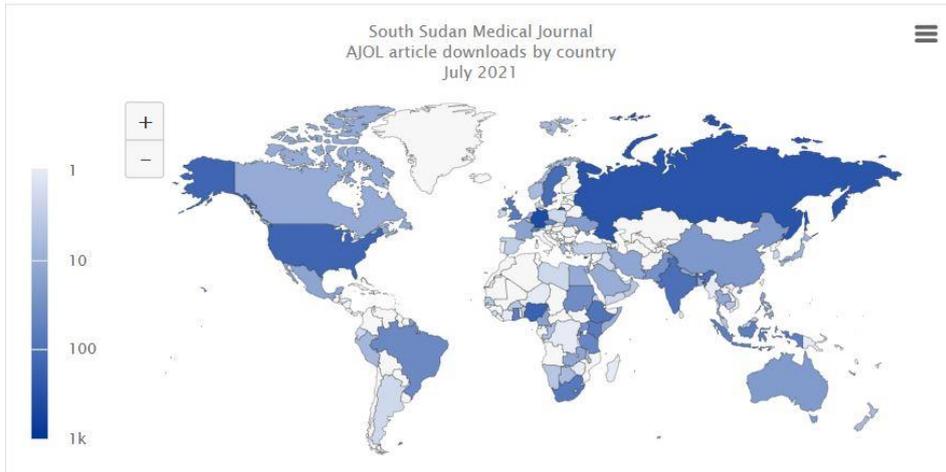


Figure AJOL 2b. Number of articles downloaded by country in July 2021 (note: scale 1-1K)

Figure AJOL 3a shows the number of abstracts viewed by country in July 2021; Figure AJOL3b shows the downloads of articles in July 2021 by country - with the highest numbers (>100) being from Germany, India, Nigeria, Russia and US.

 Argentina	1	 Morocco	1
 Australia	7	 Namibia	1
 Bangladesh	1	 Nepal	1
 Belgium	1	 Netherlands	2
 Belize	2	 New Zealand	18
 Botswana	3	 Nigeria	39
 Cameroon	5	 Pakistan	2
 Canada	7	 Palestine	1
 China	1	 Peru	2
 Côte d'Ivoire	1	 Philippines	9
 Egypt, Arab Rep.	5	 Portugal	1
 Ethiopia	7	 Rwanda	26
 Fiji	1	 Saudi Arabia	1
 France	1	 Senegal	2
 Germany	1	 Serbia	1
 Ghana	17	 Singapore	1
 Greece	6	 Somalia	1
 Haiti	1	 South Africa	8
 India	29	 South Sudan	46
 Indonesia	19	 Spain	4
 Iran, Islamic Rep.	5	 Sudan	14
 Iraq	1	 Switzerland	4
 Israel	1	 Tanzania	13
 Japan	1	 Thailand	1
 Kenya	34	 Turkey	3
 Lesotho	6	 Uganda	15
 Malawi	2	 United Kingdom	20
 Malaysia	4	 United States	34
 Malta	11	 Vietnam	1
 Mexico	1	 Zimbabwe	3

Figure AJOL 3a. Number abstracts viewed by country in July 2021.

	Argentina	2		Hong Kong SAR, China	8		Peru	7
	Australia	20		India	100		Philippines	15
	Austria	1		Indonesia	58		Poland	2
	Bahrain	3		Iran, Islamic Rep.	13		Russian Federation	281
	Bangladesh	12		Iraq	2		Rwanda	16
	Belgium	5		Ireland	2		Saudi Arabia	10
	Benin	3		Israel	2		Senegal	4
	Botswana	6		Japan	8		Sierra Leone	2
	Brazil	39		Kenya	68		Singapore	1
	Brunei Darussalam	1		Korea, Republic of	2		Somalia	11
	Burkina Faso	4		Kuwait	1		South Africa	72
	Cambodia	4		Lesotho	8		Spain	3
	Cameroon	15		Libya	2		Sri Lanka	1
	Canada	11		Luxembourg	1		Sudan	34
	China	22		Madagascar	1		Sweden	111
	Congo, Democratic Republic	1		Malawi	4		Switzerland	53
	Congo, Republic	5		Malaysia	4		Tanzania	44
	Côte d'Ivoire	1		Malta	1		Thailand	12
	Cyprus	2		Mexico	14		Tonga	1
	Czech Republic	45		Myanmar	1		Turkey	3
	Denmark	2		Namibia	4		Uganda	26
	Ecuador	2		Nepal	12		Ukraine	18
	Egypt, Arab Rep.	11		Netherlands	10		United Arab Emirates	1
	Eritrea	3		New Zealand	6		United Kingdom	66
	Ethiopia	84		Niger	1		United States	147
	France	15		Nigeria	163		Unknown	81
	Germany	410		Norway	6		Vietnam	1
	Ghana	62		Oman	4		Yemen	2
	Greece	7		Pakistan	27		Zambia	13
	Haiti	1		Papua New Guinea	1		Zimbabwe	1
	Honduras	1						

Figure AJOL 3b. Number of articles downloaded by country in July 2021.

## Data from Google Analytics (from James Beard)

Data showing the number of pages (or titles) viewed or visited were available from 2010 onward. See Appendix 1 for the individual tables.

**Table A** lists the 15 titles, published between 2008 - 2017, with the most views for each month from 1 June '20 to 31 May '21. It includes views of the Home page ('Welcome to SSMJ').

Papers with 'How to' in the title were consistently most popular over the year.

Of the 14 titles (i.e., minus 'Welcome...') 8 were entitled 'How to...'; three were related to malnutrition. The top title, 'How to read an ECG', had consistently the most views over the 12-month period with a total of 346K views (which is ~43% of the total visits of **all** titles of ~830K). However, this seems to be an 'outlier' as the second most popular title had 99K views, and views to the other 'top-14' titles ranged from totals of 58K to 6K.

The number of visits to each paper went up over the year; there was a total of 54K views in June 2020 and 92K in May 2021. James suspects that part of the increase in visits over the last year is due to a positive feedback loop in Google's search algorithm (if lots of people click on a link, Google is more likely to present that search result again in response to similar searches). It could also be because more people are using the Internet.

**Tables B.1 and B.2** list total visits to pages by countries for the 12 months from 1 June '20 to 31 May '21. *But note that it is impossible for the information GA provides about the location of users to be completely accurate, as users may use a Virtual Private Network, or a satellite Internet connection, both of which will conceal the true location of the user.*

The 15 countries with the most frequent visits are shown in Table B.1. The top two are India ~200K visits and US ~102K visits (**South Sudan 4.6K visits**).

Again, the trend in most countries was for visits to increase over the year with no obvious blip up in the months the journal was published. The total visits from all countries were 40K in June 2020 and 70K in May 2021.

Of the 17 African countries listed in Table B.1 or B.2 the five with the highest number of total visits over the year were: South Africa 20K, Nigeria 17K, Kenya 19K, Ghana 8K and Zambia 7K; **South Sudan was 4.6K**. The countries neighbouring South Sudan (Table B.2) with  $\geq 1K$  visits were: Ethiopia, Kenya, Somalia, Sudan, Tanzania and Uganda.

### Table C

This table shows the most frequently-viewed Pages/Titles by readers in 12 countries neighbouring South Sudan. These 'most frequently viewed' pages/titles were visited most often by readers in Kenya, followed by Uganda, Tanzania and Ethiopia. Again, out to the 10 titles listed 5 were 'How to..' titles.

### Tables D 1-4

These tables show, for issues published in August 2020, November 2020, December 2020 (malaria issue), and February 2021, the total number of pages (titles) views per month for the month of publication and the following 3 months. There was an extra issue on malaria in 2020.

- In the month of publication and the following month (when the mailer announcing the issue was still recent) the number of visits to the 'Tables of Content' were: 542 (Aug '20), 243 (Nov

'20), 376 (Dec '20) and 331 (Feb '21). It could be that several people viewed the Table of Contents more than once.

- In all the Tables the 5 most frequently medical titles viewed are bolded.

### **Data from the Mailchimp mailing list**

Our mailing list was started in 2010 and we downloaded data from it in August 2020. It contains >400 email addresses but the number of 'clicks' has decreased over time from a high of 50% in 2010 to around 15% in 2020. Probably partly due to emails changing.

## **Conclusions**

These data give a clear indication of:

- The increasing access to the journal and
- The type of papers read which in turn
- Helps us the focus on what readers find valuable.
- The spread of countries across the world where readers access.
- What can be done with minimal resources (apart from our collective voluntary hard work) and
- This indicates that sustainability of such a journal can be maintained by international co-operation and commitment.

In addition:

- Mailchimp of limited direct use but the mailer is being forwarded on by recipients to colleagues.
- Comments received by some of the team indicate that presentation/format has improved.
- Access and thus number of visits should increase when new website allows better access via phone.
- Shows value of being accepted and listed by AJOL
- Doesn't indicate the value or not of short/news items because AJOL does not include them.

## Appendix 1

Table A. Page views 2020-06-01 to 2021-05-31 by article/title

[Issue] Page Title	Month (YYYYMM)												Total
	202006	202007	202008	202009	202010	202011	202012	202101	202102	202103	202104	202105	
<b>[May 2010] How to read an Electrocardiogram (ECG). Part One: Basic principles of the ECG. The normal ECG</b>	21386	14157	20060	23725	26821	24651	31564	35610	37101	37918	34028	39336	<b>346357</b>
<b>[May 2008] How to Read a Chest X-ray – A Step By Step Approach</b>	5322	3805	6587	6961	6921	6390	7550	9039	9739	10784	12473	13721	<b>99292</b>
<b>[Nov 2011] How to treat kerosene (paraffin) poisoning</b>	5658	3776	5134	4968	5049	4814	5067	4837	4982	5575	4689	3866	<b>58415</b>
<b>[May 2016] Factors contributing to, and effects of, teenage pregnancy in Juba</b>	1250	1176	1754	2766	3502	3100	2299	2410	4448	6281	4457	4608	<b>38051</b>
<b>[Feb 2013] Tuberculosis 2: Pathophysiology and microbiology of pulmonary tuberculosis</b>	2268	1194	1682	2185	2293	3103	2047	2494	3323	3734	3910	3674	<b>31907</b>
<b>Welcome to South Sudan Medical Journal – Home page</b>	1419	1033	1384	1258	1359	1384	1605	1698	1964	2025	1854	1994	<b>18977</b>

<b>[Nov 2008] Tapes for measuring Mid Upper Arm Circumference (MUAC)</b>	1042	935	1112	1251	1228	1147	1507	1947	2206	2120	1689	1531	<b>17715</b>
<b>[Aug 2016] How to interpret an unenhanced CT Brain scan. Part 1: Basic principles of Computed Tomography and relevant neuroanatomy</b>	1196	665	899	1230	1247	1352	1451	1651	1714	1708	1523	1538	<b>16174</b>
<b>[Nov 2010] How to read an electrocardiogram (ECG). Part 2: Abnormalities of Electrical Conduction</b>	953	555	1043	1066	1239	1118	1225	1383	1466	1374	1207	1361	<b>13990</b>
<b>[May 2008] Undernutrition in Adults and Children: causes, consequences and what we can do</b>	719	538	655	890	999	916	943	919	1241	1419	1800	2518	<b>13557</b>
<b>[May 2017] How to interpret liver function tests</b>	649	443	615	699	650	603	892	1134	1135	1339	1670	2546	<b>12375</b>
<b>[Nov 2016] How to perform a Lumbar Puncture</b>	822	370	601	813	888	697	834	797	931	890	971	835	<b>9449</b>
<b>[May 2009] Feeding infants whose mothers are HIV-positive</b>	709	501	749	770	737	662	632	724	709	837	812	722	<b>8564</b>
<b>[Nov 2015] The importance of research in healthcare</b>	470	240	414	629	586	459	385	524	559	587	513	436	<b>5802</b>
<b>[May 2016] Open Appendicectomy....How I do it</b>	305	233	425	439	458	382	484	501	564	605	618	504	<b>5518</b>

<b>Other</b>	10077	7644	10812	10087	11432	10745	10799	11126	12712	13664	11711	13033	<b>133842</b>
<b>Total</b>	<b>54245</b>	<b>37265</b>	<b>53926</b>	<b>59737</b>	<b>65409</b>	<b>61523</b>	<b>69284</b>	<b>76794</b>	<b>84794</b>	<b>90860</b>	<b>83925</b>	<b>92223</b>	<b>829985</b>

**Table B.1 Visitors 2020-06-01-  
2021-05-31 Worldwide**

<b>Country</b>	<b>Month (YYYYMM)</b>												<b>Total</b>
	202006	202007	202008	202009	202010	202011	202012	202101	202102	202103	202104	202105	
<b>South Sudan</b>	253	258	382	342	426	443	346	368	469	456	371	494	<b>4608</b>
<b>India</b>	12630	8683	12956	14774	14756	13290	17222	19617	19561	20403	19902	25800	<b>199594</b>
<b>United States</b>	6886	4659	6778	7045	7530	7204	8465	9372	10940	11586	11261	10530	<b>102256</b>
<b>Philippines</b>	1320	887	1843	3431	3809	3166	3147	3691	4845	4842	4695	4780	<b>40456</b>
<b>United Kingdom</b>	2126	1392	1641	1793	2295	2591	2721	3266	3242	3373	3139	3309	<b>30888</b>
<b>South Africa</b>	1234	950	1395	1799	1956	1527	1217	1296	1367	2788	2209	1923	<b>19661</b>
<b>Kenya</b>	1132	987	1303	1251	1384	1580	1460	1695	2274	2433	2037	1900	<b>19436</b>
<b>Pakistan</b>	1409	921	1274	1394	1375	1354	1648	1979	1950	2042	2079	1839	<b>19264</b>
<b>Nigeria</b>	910	711	1126	1110	1050	1233	1149	1350	1832	2081	1879	2179	<b>16610</b>
<b>Malaysia</b>	871	586	724	796	912	891	992	1083	867	1010	994	768	<b>10494</b>
<b>Australia</b>	962	468	863	900	850	667	586	687	821	1166	1156	1246	<b>10372</b>

<b>Canada</b>	623	386	482	662	794	790	847	1129	1085	1088	905	972	<b>9763</b>
<b>Ghana</b>	448	395	531	402	440	474	418	521	919	1013	910	1047	<b>7518</b>
<b>Zambia</b>	543	261	446	408	792	607	527	410	661	889	718	830	<b>7092</b>
<b>Saudi Arabia</b>	415	298	354	509	653	683	676	627	803	729	670	378	<b>6795</b>
<b>Bangladesh</b>	432	347	473	525	483	495	640	747	685	758	651	513	<b>6749</b>
<b>Other</b>	8161	5646	7119	7948	9113	9290	10284	11142	11545	12971	11391	11480	<b>116090</b>
<b>Total</b>	<b>40355</b>	<b>27835</b>	<b>39690</b>	<b>45089</b>	<b>48618</b>	<b>46285</b>	<b>52345</b>	<b>58980</b>	<b>63866</b>	<b>69628</b>	<b>64967</b>	<b>69988</b>	<b>627646</b>

**Table B.2 Visitors 2020-06-01-  
2021-05-31 East/Central Africa**

<b>Country</b>	<b>Month (YYYYMM)</b>												<b>Total</b>
	202006	202007	202008	202009	202010	202011	202012	202101	202102	202103	202104	202105	
<b>Burundi</b>	5	0	12	1	3	4	0	2	6	2	3	2	<b>40</b>
<b>Central African Republic</b>	5	2	3	3	0	1	5	3	0	10	18	0	<b>50</b>
<b>Congo - Kinshasa</b>	6	10	7	5	19	4	9	15	8	8	12	12	<b>115</b>
<b>Djibouti</b>	1	0	0	0	3	3	3	6	3	2	2	1	<b>24</b>
<b>Eritrea</b>	0	0	1	0	2	3	0	0	0	1	0	2	<b>9</b>

<b>Ethiopia</b>	192	41	199	191	214	163	291	322	394	444	441	397	<b>3289</b>
<b>Kenya</b>	1132	987	1303	1251	1384	1580	1460	1695	2274	2433	2037	1900	<b>19436</b>
<b>Rwanda</b>	21	19	24	32	29	52	52	81	98	56	56	73	<b>593</b>
<b>Somalia</b>	50	37	68	65	112	93	124	77	114	90	106	77	<b>1013</b>
<b>South Sudan</b>	253	258	382	342	426	443	346	368	469	456	371	494	<b>4608</b>
<b>Sudan</b>	105	92	117	185	235	246	245	346	319	285	194	171	<b>2540</b>
<b>Tanzania</b>	572	452	536	403	246	295	504	613	795	553	410	691	<b>6070</b>
<b>Uganda</b>	328	225	332	315	411	479	484	344	454	631	574	632	<b>5209</b>
<b>Other</b>	37685	25712	36706	42296	45534	42919	48822	55108	58932	64657	60743	65536	<b>584650</b>
<b>Total</b>	<b>40355</b>	<b>27835</b>	<b>39690</b>	<b>45089</b>	<b>48618</b>	<b>46285</b>	<b>52345</b>	<b>58980</b>	<b>63866</b>	<b>69628</b>	<b>64967</b>	<b>69988</b>	<b>627646</b>

Table C. Page Views by most frequently viewed by African Country neighbouring South Sudan

PageTitle	Country													Total
	Burundi	Central African Republic	Congo - Kinshasa	Djibouti	Eritrea	Ethiopia	Kenya	Rwanda	Somalia	South Sudan	Sudan	Tanzania	Uganda	
How to treat kerosene (paraffin) poisoning	0	4	4	4	0	288	5571	16	40	<b>16</b>	236	1916	1654	9749
How to Read a Chest X-ray – A Step By Step Approach	1	0	4	3	3	826	2218	118	155	<b>26</b>	278	967	623	5222
How to read an Electrocardiogram (ECG). Part One: Basic principles of the ECG. The normal ECG	1	1	16	13	1	786	2256	78	208	<b>23</b>	404	643	500	4930
Factors contributing to, and effects of, teenage pregnancy in Juba	4	0	3	0	0	70	2500	149	23	<b>265</b>	14	522	740	4290
The Full Blood Count and Blood Film ("Haemogram")	0	0	0	0	0	4	2729	3	3	<b>3</b>	0	64	13	2819
Diabetes Mellitus: the increasing burden of disease in Kenya.	0	0	1	0	0	21	2689	7	20	<b>3</b>	0	6	31	2778
Tuberculosis 2: Pathophysiology and microbiology of pulmonary tuberculosis	0	0	9	1	0	191	1126	81	38	<b>9</b>	115	357	194	2121

Tapes for measuring Mid Upper Arm Circumference (MUAC)	1	0	1	1	0	169	591	48	215	<b>63</b>	63	520	206	1878
Undernutrition in Adults and Children: causes, consequences and what we can do	1	0	3	1	0	215	313	17	147	<b>58</b>	19	249	192	1215
Feeding infants whose mothers are HIV-positive	0	0	0	0	0	75	790	6	14	<b>3</b>	1	41	118	1048
Other	83	85	130	4	23	2049	6199	282	700	<b>11299</b>	2734	3506	3016	30110
<b>Total</b>	<b>91</b>	<b>90</b>	<b>171</b>	<b>27</b>	<b>27</b>	<b>4694</b>	<b>26982</b>	<b>805</b>	<b>1563</b>	<b>11768</b>	<b>3864</b>	<b>8791</b>	<b>7287</b>	<b>66160</b>

**Table D.1 Page views Aug 2020**

**The 5 most frequently 'medical' titles viewed from August to November are bolded**

Page Title	Month of Year				Total
	2020-08	2020-09	2020-10	2020-11	
Guided self-help to reduce psychological distress in South Sudanese female refugees in Uganda: a cluster randomised trial	1	0	0	0	<b>1</b>
Table of Contents: August 2020	339	82	71	50	<b>542</b>
COVID-19: A Crisis Within a Crisis	59	17	11	12	<b>99</b>
<b>Case Report: Iatrogenic enterocutaneous fistula following a misguided surgical procedure in Torit, South Sudan</b>	73	8	18	7	<b>106</b>
Case report: Bladder calculi presenting as urinary incontinence mimicking obstetric urinary fistula	29	9	6	4	<b>48</b>
Case report: Embryonic rhabdomyosarcoma of the petrous bone in a child	58	10	8	6	<b>82</b>
<b>Case report: Mandible fracture in children</b>	56	228	134	115	<b>533</b>
Case report: Retrograde tracheal intubation using a guidewire for a difficult airway in a patient with severe facial burns	33	11	10	19	<b>73</b>
Guided self-help to reduce psychological distress in South Sudanese female refugees in Uganda: a cluster randomised trial	23	7	3	1	<b>34</b>
Health seeking behaviour of small income market vendors: diabetes primary care in Gulu Municipality, northern Uganda	27	18	10	5	<b>60</b>
<b>How to wear a medical mask safely - Do's and Don'ts</b>	56	52	27	22	<b>157</b>
Introduction of postpartum and post abortion family planning into three hospitals in South Sudan	51	12	21	21	<b>105</b>
Local staff are key to psychosocial support in South Sudan	25	7	12	5	<b>49</b>

<b>Mothers' knowledge of mother-to-child transmission of HIV and infant feeding practices in Juba, South Sudan</b>	77	14	14	18	<b>123</b>
Nurturing Newborns in South Sudan Series: Essential Care of the Newborn	42	10	21	20	<b>93</b>
<b>Over prescription of drugs in Africa</b>	39	4	134	5	<b>182</b>
	55	21	27	25	<b>128</b>
South Sudanese recipients of grants from the Gordon Memorial College Trust Fund (GMCTF) in 2020	71	22	6	7	<b>106</b>
<b>Total</b>	<b>1114</b>	<b>532</b>	<b>533</b>	<b>342</b>	<b>2521</b>

Table D.2 Page views Nov 2020

Page Title	Month of Year				Total
	202011	202012	202101	202102	
A NEW COLLEGE OF PHYSICIANS East, Central and Southern Africa College of Physicians (ECSACOP)	25	7	19	12	<b>63</b>
<b>Developing an offline digital library for South Sudan - the SolarSPELL Health: nursing and midwifery library</b>	53	81	39	35	<b>208</b>
Heterotopic pregnancy: case report of a rare clinical presentation from Wau, South Sudan	26	10	5	4	<b>45</b>
Inguinodynia and inguinal hernia recurrence amongst Ugandan patients who underwent mesh versus non-mesh inguinal hernia repair	17	18	14	10	<b>59</b>
<b>Knowledge about continuous positive airway pressure machine usage among nurses at a tertiary hospital in Tanzania</b>	139	20	14	6	<b>179</b>
Multiple uterine fibroids in an 18-year-old: a case report and review of literature	20	20	18	28	<b>86</b>
Table of Contents November 2020	91	98	38	16	<b>243</b>
Penetrating arrow in the face: a case report	16	13	12	6	<b>47</b>
<b>Perspectives from MSF snakebite programme implementation in Agok, Abyei region, South Sudan</b>	92	89	28	15	<b>224</b>
<b>Snakebite is a neglected medical emergency in South Sudan</b>	41	12	7	6	<b>66</b>
<b>The reporting of adverse drug reactions by healthcare providers in Kenya</b>	27	15	23	15	<b>80</b>
UNOCHA South Sudan Floods	25	7	6	2	<b>40</b>
<b>Total</b>	<b>572</b>	<b>390</b>	<b>223</b>	<b>155</b>	<b>1340</b>

Table D.3 Page views Dec 2020

Page Title	Month of Year				Total
	2020-12	2021-01	2021-02	2021-03	
<b>A literature review about the impact of climate change on malaria in South Sudan</b>	4	132	9	36	<b>181</b>
Artemisinin-resistant malaria and a prevention strategy	5	29	9	5	<b>48</b>
<b>Atypical presentation of COVID-19 in a diabetic patient with malaria-like symptoms: case report</b>	8	156	27	21	<b>212</b>
CDC Algorithm for the management of malaria	5	30	16	7	<b>58</b>
December 2020	39	245	55	37	<b>376</b>
Factors associated with non-adherence to standard diagnosis and treatment guideline in the management of malaria in pregnancy	8	25	13	11	<b>57</b>
Impact of Community Intermittent Preventive Treatment in Pregnancy (C-IPTp) approach on the uptake of IPTp3+: a randomized controlled trial in Karagwe, Tanzania	12	28	10	17	<b>67</b>
Letter: Training in malaria microscopy and South Sudan's first malaria slide bank	4	28	27	8	<b>67</b>
Malaria Prevention Strategies in South Sudan	7	33	18	21	<b>79</b>
<b>Prevalence and outcome of malaria among hospitalized children in Al Sabah Children Hospital, South Sudan</b>	6	46	10	35	<b>97</b>
<b>South Sudan's New National Malaria Strategic Plan 2021-2025 is a Game Changer</b>	8	64	33	34	<b>139</b>
The role of laboratory science in the battle against malaria in South Sudan	5	16	6	15	<b>42</b>
<b>The temporal and spatial incidence and transmission of malaria in South Sudan (2011-2018)</b>	6	49	3	3	<b>61</b>
Training in malaria microscopy and South Sudan's first malaria slide bank	2	0	0	0	<b>2</b>

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Total

119

881

236

250

1486

Table D.4 Page views Feb 2021

Page Title	Month of Year				Total
	2021-02	2021-03	2021-04	2021-05	
<b>A living WHO guideline on drugs for covid-19</b>	11	23	24	42	<b>100</b>
<b>Anaesthetic management of a patient with morbid obesity: case report</b>	30	10	16	17	<b>73</b>
Antimicrobial stewardship - what is possible	25	14	12	19	<b>70</b>
COVID-19 UPDATES	11	8	12	8	<b>39</b>
<b>COVID-19 clinical presentations: the modern mimic of other conditions</b>	210	52	29	25	<b>316</b>
Editorial: South Sudan should mask up while waiting for COVID-19 vaccines	4	0	0	0	<b>4</b>
Table of Contents February 2021	127	82	71	51	<b>331</b>
<b>How to screen a paediatric elbow X-ray for injuries</b>	18	21	27	21	<b>87</b>
Needle-like subtarsal foreign body in a patient with no history of injury: case report	13	11	15	8	<b>47</b>
Obituary: Dr. Elsa Bojo Paulino Loggale	33	18	8	7	<b>66</b>
Obituary: Professor James Gita Hakim	53	43	16	22	<b>134</b>
<b>Poster: A living WHO guideline on drugs treatment of COVID-19</b>	10	18	50	44	<b>122</b>
Preparing for MRCP UK examinations for International Medical Graduates (IMGs)	18	43	27	22	<b>110</b>
<b>South Sudan should mask up while waiting for COVID-19 vaccines</b>	19	27	18	11	<b>75</b>
Successful treatment of a 5-year-old with burns through the Provision of Essential Health Services Project, Ulang, South Sudan	18	14	10	15	<b>57</b>

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ebrain elearning courses in clinical neuroscience	13	12	5	7	<b>37</b>
<b>Total</b>	<b>613</b>	<b>396</b>	<b>340</b>	<b>319</b>	<b>1668</b>