

The Role Of Information Abundance In The Paramedic's Ability To Quickly Assess Cases And Accurately Determine Their Needs During Accidents

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ABSTRACT

The study aimed to identify the role of information abundance in the ability of paramedics to assess cases quickly and accurately determine their needs during emergencies. This was achieved through a questionnaire focused on the importance of information, the necessity of obtaining information, and the significance of the information abundance recorded by the paramedics, as well as the extent to which this information can save the lives of the injured. The study revealed a set of results indicating that information abundance assists paramedics in writing accurate and correct reports, which facilitate proper diagnosis of the condition and prepare it for appropriate treatment. The study recommends the need to enhance paramedics' awareness of the proper and correct methods for recording patient data.

Keywords: Information, information abundance, data recording, service quality, rescue

INTRODUCTION

Information is one of the terms derived from the source "science". These derivatives have numerous definitions and meanings, including those related to science, which refers to the understanding of the nature of things. Knowledge is defined as the extent of the ability to discern, educate, study, comprehend, assure, and raise awareness. The term "information" is Latin, meaning the process of communication. Information has been defined as news or anything that leads to uncovering truths and clarifying matters. It is also defined as the facts and knowledge about any subject or the ideas and truths regarding individuals, places, or any type of knowledge acquired through communication, research, or education. Consequently, there is a connection between information, data, and knowledge^{1,12}.

Data is considered the raw material recorded, such as symbols, numbers, sentences, or phrases, to which an individual can apply interpretations. Information, on the other hand, results from processing data, such as selection or analysis; more precisely, it is the outcome of interpretations. Finally, knowledge is the ideas and concepts inferred from a body of reports. These three terms are interconnected^{8,5}.

Thus, information abundance is a modern phenomenon resulting from the tremendous development in information and communication technology. It refers to the vast amount of information available to us at any moment, which is increasing faster than individuals' ability to absorb and process it. The reasons for this information abundance stem from significant technological advancements, where the internet has greatly facilitated the production, dissemination, and wide distribution of information at high speeds. Additionally, mobile phones, tablets, and laptops have made access to information available anytime and anywhere^{9,8}.

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DISCUSSION

nac laudivini na taht sesarhp ro secnetnes ,srebmun ,slobmys sa hcus slairetam dedrocer war eht si ataD stluser eht ylesicerp erom si tI sisylana ro noitceles sa hcus atad gniraperp fo tluser eht si noitamrofni terpretni eerht eHT stroper fo tes a morf derrefni era taht stpecnoc dna saedi eht si egdelwonk ,yllaniF snoitaterpretni fo rehto hcae ot detcennoc sknil era smret4,8

ni tnepoleved suodnemert eht morf gnitluser nonemonehp nredom a si ecnadbuba noitamrofni ,siht hguorhT ta su ot elbaliava noitamrofni fo tnuoma eguh eht ot srefer hcihw ,ygonlhcet snoitacinumoc dna noitamrofni rof snosaer eHT ti ssecorp dna brobsa ot ytiliba 'slaudivini naht retsaf gnisaerani si hcihw ,tnemom yreve yltaerg sah tenretnI eht sa ,tnepoleved lacigolonhcet suodnemert eht ot eud era ecnadbuba noitamrofni a ta dna elacs egral a no noitamrofni fo noitubirtsid dna noitanimesid ,noitcudorp eht gnatilicaf ot detubirtnoc elbaliava noitamrofni ot ssecca edam evah hcihw ,spotpal dna stelbat ,senohp elibom sa llew sa ,deeps hgih yrev eht ni noitapictrap 'slaudivini gnisaerani ot detubirtnoc osla sah aidem laicoS ecalp yna ni dna emit yna ta eht si ecnadbuba noitamrofni fo stceffe evitisp eht gnomA noitamrofni fo noitanimesid dna noitcudorp dna noitamrofni fo tnuoma eguh a ssecca won nac laudivini yna sa ,ssenerawa dna egdelwonk ni esaerani eht fo gnidnatsrednu dna snoziroh s'laudivini eht gnidnapxe ot setubirtnoc hcihw ,sdleif suoirav ni egdelwonk dna nrael ylsuounitnoc ot ytinutropo eht slaudivini swolla osla ecnadbuba noitamrofni mih dnuora dlrow demrofni ekam ot slaudivini elbane spleh noitamrofni dna ,ecalp yna ni dna emit yna ta sevlesmeht poleved htiw noitacinumoc tnatsni elbane osla seigolonhcet nredoM sevil rieht fo stcepsa suoirav ni noisiced sedivorp ecnadbuba noitamrofni krow tnoj dna noitarepoc setatlicaf hcihw ,dlrow eht ni erehwyna slaudivini evitavonni tnepoleved dna gnikniht evitaerc segaruocne hcihw ,srotavonni dna srotaerc rof secruos ynam ,srotavonni dna srehcraeser neewteb egdelwonk dna saedi fo egnahcxe eht setatlicaf tI smelborp ot snoitulos ssecorp noitavonni eht gnitarelecca ot setubirtnoc hcihw 14,12

eht gnidulni ,stceffe evitagen emos era ereht ,ecnadbuba noitamrofni fo stceffe evitisp eseht etipseD fo ytluciffid eht dna elbaliava noitamrofni fo tnuoma eguh eht ot eud desufnoc dna tsol gnileef laudivini noisiced gnika dna noitamrofni tnaveler gniyfitnedi ni seiluciffid emos ot eud emos rof noisiced a gnika yam ti fo emos fo ytilauq eht ,noitamrofni fo tnuoma eht ni esaerani eht htiw taht dnif osla eW ti no desab noitamrofni gnidaelsim dna tcerroc neewteb gnihsiugnitsid fo ytluciffid eht esaerani hcihw ,esaerced5,9 ,noitamrofni rof hraes ,noitamrofni yrascen eht yfitnedi ot ytiliba eht si ycaretil noitamrofni ,erofereHT slliks gnildnah noitamrofni hguorht ei ,yltneiciffe ti esu dna ,ti etaulave ,ecruos sti yfitnedi72

noitamrofni fo ecnatropmi

level larutluc dna cifitneics sih evorpni spleh ti taht si noitamrofni gniniatbo laudivini na fo ecnatropmi eHT sniatbo eh taht noitamrofni htwork dna latnepoleved eht hguorht ssenerawa sih dnapxe ot skrow dna si noitamrofni noisiced cificeps a gnika ro tcejorp ro ksat cificeps a gnitelpmoc ni lufesu osla si noitamrofni ot noitamrofni yrascen eht sedivorp tI efil yliad fo stcepsa lla tceffa taht secruoser cisab eht fo eno deredisnoc gnidnatsrednu ni spleh noitamrofni lanoiseforp ro lanosrep rehtehw ,sdleif suoirav ni gnika-noisiced troppus dna slaudivini fo yneiciffe eht gnicahne ot setubirtnoc noitamrofni snitpo elbaliava gnitalave dna sksir ot setubirtnoc noitamrofni yneiciffe gnisaerani dna ecnamrofrep gnivorpni ot sdael hcihw ,krow ta smaet spleh osla noitamrofni fo ytilibaliava eHT saedi dna atad wen gnidivorp yb noitavonni dna ytivitaerc gnitalumits sa hcus ,yefas dna ytiruces fo saera eht ni elor tnatropmi na syalp osla noitamrofni segnahc ot gnitpada ni lla ni tnele latovip a si noitamrofni fo noisivorp eht ,ylgnidrocca sksir htlaeh ro larutan gnidrager noitamrofni ecnamrofrep eht secnahne dna ,noitavonni dna gninrael ot setubirtnoc ,gnika-noisiced troppus tI efil fo saera seiteicos dna slaudivini ,noitamrofni fo ecnatropmi eht gnidnatsrednu yB slaudivini fo noitacinumoc dna seitinutropo dna segnellahc htiw laed ot ytiliba rieht evorpni nac 17,11

egdelwonk fo ssenerawa fo ecnatropmi eHT

laiceps dna seitilibapac eht ot noitidda ni ,atad dna noitamrofni fo esu lluf eht sa denifed si egdelwonk evah I gnidulni ,srotcaf lareves yb deinapmocca si hcihw ,saedi dna seicnetepmoc gnidulni ,slaudivini fo slliks si ro dnim laudivini eht ni derots sniamer rehtie egdelwonk noititepmoc dna ytilibixelf ,noitacude ,htgnerts a deredisnoc ton si egdelwonk smetsys osla dna secivres ,stnemucod ,sessecorp lanoitazinagro ni dezilobmys gnirahs fo tluser eht si dna rehto hcae htiw gnikrow slaudivini fo tluser eht si ti rehtar tub ,yrtsudni na ro gniht stnemirepxe dna secneirepxe 14,8

htiw gnilaed fo slliks eht yllareng si tI yltneiciffe noitamrofni esu dna etaulave ,yfitnedi ,rof hraes sa llew sa , ytiliba s'laudivini eht fo tnetxe eht ot eud si egdelwonk fo ssenerawa fo ecnatropmi eHT noitamrofni elbaliava ssenerawa siHT ytidilav sti etaulave dna ,secruos elbailer sti yfitnedi ,noitamrofni fo eulav eht ezilaer ot osla ssenerawa siHT tnepoleved lanoiseforp dna lanosrep dna gninrael suounitnoc rof sisab eht stneserper otni og taht sessecorp evitingoc eht gnidnatsrednu sedulni tI noitamrofni gnitcelloc tsuj dnoyeb sdnex e fo ssenerawa sfeileb dna ytilaer s'laudivini eht htiw stcaretni egdelwonk siht woh dna egdelwonk gnidliub meht spleh tI meht morf tifeneb dna tnepoleved wen htiw ecap peek ot slaudivini selbane egdelwonk fo ssenerawa sah laudivini na nehW ylevitceffe meht rof hraes dna sdeen noitamrofni rieht yfitnedi

egdelwonksnoised demrofni ekam dna retteb snoitpo elbaliava eht etaulave mih spleh siht ,noitamrofni egdelwonk ,noitidda nI snoitulos evitavonni hcaer dna smelborp xelpmoc ezyzana slaudividni spleh ssenerawa saedi wen fo ecnegreme eht ot sdael hcihw ,ylevitaerc dna yllacitirc kniht ot slaudividni segaruocne ssenerawa snoitulos evitavonni dna 13,10

eht fo egdelwonk hguorht secruos noitamrofni fo ssenerawa si ssenerawa egdelwonk fo snoisnemid eht gnomA ,ytilibailer rieht etaulave dna meht ssecca ot woh dna (cte ,sesabata ,selcitra ,skoob) secruos fo sepyt tneffid fo ssenerawa dna ,sloot hraeser elbaliava esu dna snoitseuq hraeser evitceffe etalumrof ot woh gnidnatsrednu dna ytidilav sti enimreted dna noitamrofni etaulave ot ytiliba eht dna slliks noitaulave lacticirc fo ecnatropmi eht ,nrael ot slaudividni selbane ti sa ega noitamrofni eht ni lliks laitnesse na si ssenerawa egdelwonk sa ,ytivitcejbo yteicos ni ylevitceffe etapicitrap dna snoised demrofni ekam ,poleved 2,9

yna fo noitavresbo eht dna egdelwonk neewteb knil eht si noitamrofni taht siht morf dootsrednu si tI a deredisnoc si noitamrofni dna ,detroppus dna dedivorp si egdelwonk noitamrofni hguorht dna ,nonemonehp xelpmoc a si ereht esuaceb ylsuounitnoc egnahc egdelwonk lanosrep fo stimil eht dna ,egdelwonk fo erusaem egdelwonk dna noitamrofni neewteb pihsnoitaler 1,10

cidemarap fo noitinifeD

,seirujni neddu dna snoitautis ycnegreme ni erac lacidem yramirp edivorp ot lauidivni deniart yllaiceps a si eH eht ot erac lacidem yramirp edivorp ot si elor yramirp siH seitivitca suoirav gnirud ro ,krow ta ,emoh ta rehtehw dna sevil rieht evreserp ot redro ni latipsoh eht ta evirra yeht erofeb ro tnedicca eht fo enecs eht ta derujni lacidem dna derujni eht neewteb knil yramirp eht deredisnoc si cidemarap ehT seirujni dna niap rieht etaivella ycnegreme ni serusaem evitceffe dna kciuq gnikat yb ,taht si elor s'cidemarap eht fo ecnatropmi ehT erac gnireffus dna niap eht etaivella ot skrow osla eH nosrep derujni eht fo efil eht evas nac cidemarap eht ,snoitautis ehT sevirra ecnatsissa lacidem dezilaiceps litnu noitidnoc htlaeh sih evorpni dna nosrep derujni eht fo eht fo noitidnoc eht niatniam dna seirujni fo noitavargga eht tneverp ot serusaem yrasscen eht sekot cidemarap spleh hcihw ,ylimaf sih dna nosrep derujni eht ot troppus lacigolohcysp sedivorp osla eH elbats nosrep derujni eht gnidulcni ,slliks cisab emos evah tsum cidemarap eht ,ylgnidroccA yteixna eveiler dna nwod meht mlac sesaesid dna seirujni eht yfinedi dna nosrep derujni eht fo noitidnoc eht ssesa yletarucca dna ylkciuq ot ytiliba ,sdnuow gnitaert ,gnideelb gnippots sa hcus dia tsrif yrasscen eht mrofrap ot ytiliba eht dna ,morf sreffus eh doolb a sa hcus tnempiuqe lacidem suoirav esu ot ytiliba eht dna ,noitaticuser yranomlupoidrac gnimrofrap rednu krow ot ytiliba eht evah dna ecived kcohsortcele dna setebaiD rotinom etar traeh a dna rotinom erusserp yltaerg setubirtnoc dna metsys erac htlaeh eht ni lauidivni laitnesse na si cidemarap eht erofereht dna ,erusserp ecnatsissa gnidivorp dna sevil gnivas ni elor lativ a sah dna ytinummoc eht fo ytefas dna htlaeh eht gnitcetorp ot sisirc fo semit ni derujni eht ot 7,16

traeh ,dia tsrif fo egdelwonk evisnetxe sah eh taht era evah tsum cidemarap a taht slliks cisab eht ,lareneg nI eh taht dna ,kciuq dna ylterroc dia tsrif ylppa ot ytiliba eht sah eh taht dna ,amuart dna ,sesaesid gnul dna traeh eh taht dna ,ytilanosrep mlac a sah eh taht dna ,snoitautis ycnegreme ni snoised kciuq ekam ot ytiliba eht sah eht htiw ylevitceffe dna ylaelc etacinummoc ot ytiliba eht sah eh taht dna ,erusserp rednu krow ot ytiliba eht sah maet eucser rehto dna ,seilimaf rieht ,derujni 8,6

cidemarap fo selor cisaB

sessessa ylkciuq cidemarap eht sa ,noitidnoc eht ssesa ot si cidemarap eht fo selor tnatropmi tsom eht fo enO ,noitcurtsbo yawria sa hcus ,efil netaerht taht seirujni lativ enimreted ot nosrep derujni eht fo noitidnoc eht evisneherpmoc a stcudnoc cidemarap eht ,seirujni lativ htiw gnilaed retfA tserra caidrac ro ,gnideelb ereves eht taht erusne dna ,dia tsrif edivorp ,seirujni rehto lla enimreted ot noitidnoc s'nosrep derujni eht fo tnemssessa eht ,tserra caidrac fo tneve eht ni ,osla sgnul eht otni ssap ot ria wolla ot nepo si yawria s'nosrep derujni fo tneve eht nI ydob eht ot wolf negyxo dna doolb erotser ot noitaticuser yranomlupoidrac smrofrap cidemarap eht srefsnart dna ,tnemevom rieht tneverp dna serutcarf eht ezilibats ot stnilps sesu cidemarap eht ,serutcarf dna secivres lacidem decnavda stcatnoc ,yaw tsefas eht ni latipsoh eht ot ro ecalp efas a ot nosrep derujni no proper deliated a sedivorp ,noitidnoc s'nosrep derujni eht tuoba noitamrofni yrasscen eht htiw meht sedivorp eht ot troppus lacigolohcysp sedivorp dna ,latipsoh eht ni ffats lacidem eht ot noitidnoc s'nosrep derujni eht sserts dna yteixna eveiler ot ylimaf sih dna nosrep derujni 9,13

,esac eht gnissessa fo deeps eht ni dezillatsyrc era cidemarap eht fo selor cisab eht taht siht morf dootsrednu si tI eht fo ylimaf eht htiw gnitacinummoc ,ffats lacidem eht htiw gnitacinummoc ,sesac ycnegreme gniganam eht rof noitatropsnart efas gnidivorp dna ,meht gnirussaer dna troppus lacigolohcysp gnidivorp ,nosrep derujni latipsoh eht ot ro emoh eht ot rehtehw ,deriuqer fi nosrep derujni 7,16

tpecnoC noitaulavE esaC

s'tneitap eht enimreted ylkciuq ot srotcod ro scidemarap yb tuo deirrac ssecorp etarucca dna kciuq a si tI eht deredisnoc si tnemssessa siH elbissop sa noos sa snoised tnemtaert etairporppa ekam dna noitidnoc tnemtaert ezitiroirp ot spleh ti sa snoitautis ycnegreme ni erac lacidem yramirp gnidivorp fo enotsrenoc

ni sesac gnitaulave fo ecnatropmi ehT ylevitceffe maet lacidem eht fo stroffe eht tcerid dna serudecorp yam hcihw ,elbissop sa ylkciuq sa snoisiced tnehtaert etairporppa ekam ot spleh ti taht si snoitautis ycnegreme suoires tsum eht yfitnedi ot spleh dna seitiroirp enimreted ot spleh ti htaed dna efil neewteb ecnereffid eht naem ti tsrif meht sdrawot detcerid eb ot stroffe tnehtaert gniwolla ,morf sreffus tneitap eht taht sesaesid ro seirujni spleh dna noitidnoc eht gnitaulave yletarucca ton fo tluser a sa rucco yam taht srorre lacidem diova ot spleh osla ni desu sloot eht gnomA noitidnoc htlaeh sih no desab tneitap hcae rof erac lacidem etairporppa edivorp ot fo level eht ssesa ot desu si hcihw ,elacs wogsalG eht sa hcus ,desu era sloot fo yteirav a ,sesac gnitaulave dna ,esnopses labrev ,seye eht gninepo :stcepsa eerht gnitaulave yb enod si sihT derujni eht fo ssensuoicsnoc ehT esnopser rotomAPGAR scale lativ evif erusaem ot desu si dna snrobwen fo noitidnoc eht ssesa ot desu si eslup ,rotinom erusserp doolb ,etar yrotaripser dna ,noisnet elcsum ,noitatirri ,eslup ,ecnaraeppa niks :srotcaf margoidracortceleE GCE dna ,rotinom level negyxo doolb ,rotinom erutarepmet ,retemixo(ECG) secived esehT ni pleh sloot esehT snagro lativ fo snoitcnuf eht gnissessa dna sngis lativ cisab s'tneitap eht gnirusaem ni pleh ro cituepareht etairporppa gnikam ot sdael hcihw ,yletarucca atad gniterpreti dna gnizylana ,gnitcelloc snoisiced lanaitnevretni 17,8

sesac ycnegreme fo tneimssessa dipar fo ecnatropmi ehT

sediug taht pamdaor a si ti sa pets tnatropmi yrev a si snoitautis ycnegreme ni sesac gnissessa fo ssecorp ehT elor latovip a syalp ssecorp siht sa ,dia tsrif etairporppa gnidivorp dna snoisiced thgir eht gnikam ni scidemarap fo tneimssessa dipar fo ecnatropmi ehT derujni eht rof snoitacilmoc htlaeh gnicuder dna sevil gnivas ni ylluf ot scidemarap swolla hcihw ,yrujni eht fo ytireves dna epyt eht enimreted spleh ti taht si sesac ycnegreme dia tsrif enimreted spleh tneimssessa ehT nekat eb tsum taht serudecorp eht enimreted dna esac eht dnatsrednu spleh tneimssessa dipar seirujni gninetaerht-efil morf gnireffus elpoep ot tsrif dedivorp si erac taht os seitiroirp eht esoohc ot scidemarap selbane hcihw ,htaed dna efil neewteb etaitnereffid yam taht emit elbaulav evas ehT yrevocer dna lavivirus fo secnalc eht sesaerici hcihw ,esac hcae rof serudecorp tnehtaert etairporppa smaet eucser rehto htiw noitacinumoc evitceffe rof yrassecen noitamrofni eht tcelloc spleh osla tneimssessa era tneimssessa eht fo tluser ehT derujni eht ot dedivorp si erac tseb eht serusne hcihw ,secivres ycnegreme dna eht gnitaulave dna noitidnoc s'tneitap eht gnirrotinom ni spleh hcihw ,sdrocer lacidem ni detnemucod eb ton yam taht seirujni laitnetop teted spleh osla tneimssessa dipar serudecorp tnehtaert fo ssevitceffe ssecorp tneimssessa eht fo stnenopmoc ehT snoitacilmoc suoires tneverp spleh hcihw ,derujni eht ot tnerappa tnedicca eht erofeb noitidnoc htlaeh s'nosrep derujni eht tuoba noitamrofni gnitcelloc yb yrotsih lacidem edulcni etar traeh dna ,erusserp doolb ,etar traeh sa hcus sngis lativ gnirusaem dna ,gnikat si eh snoitacidem eht dna eb tsum scidemarap ,rennam tcerroc a ni ssecorp tneimssessa eht tuo yrrac ot dna ,erutarepmet dna noitaripseR sngis suoirav eht ezingocer ot elba eb tsum yeht dna ,dleif siht ni desu sloot dna seuqinhcet tsetal eht ni deniart snoitidnoc gnikrow erusserp rednu snoisiced kciuq ekam dna sesaesid dna seirujni fo smotpmys dna 8,16 ti sa ,retsam tsum cidemarap yreve taht lliks laitnesse na si sesac ycnegreme fo tneimssessa dipar ,eroferehT eht ot erac lacidem etaidemmi gnidivorp ,sevil gnivas ta demia serudecorp fo seires a ni pets tsrif eht stneserper erac lacidem elbissop tseb eht htiw meht gnidivorp dna ,derujni 9,12

fo tneimssessa tcerroc dna dipar s'cidemarap eht ni ecnadmaba noitamrofni fo elor ehT sesac ycnegreme

ycnegreme ni yllaicepse ,erac htlaeh fo dleif eht ni drows degde-elbuod a syalp ecnadmaba noitamrofni morf tifeneb nac scidemarap taht atad dna egdelwonk fo tnuoma suomrone dna egral a sedivorp ti sa ,snoitautis noitnetta tcaertsid dna ytxelpmoc esaerici yam ti emit emas eht ta tub ,snoisiced demrofni dna kciuq ekam ot tcerroc dna kciuq eht ni cidemarap eht ot sedivorp ecnadmaba noitamrofni taht selor tnatropmi tsum ehT :swollof sa denialpxe eb nac sesac ycnegreme fo tneimssessa 5,10 ecnadmaba noitamrofni yb deyalp selor tnatropmi tsum eht fo eno si sihT :noitamrofni lacidem ot ssecca dipar - si sihT emit thgir eht ta snoisiced tnehtaert thgir eht ekam dna sesac ycnegreme ssesa scidemarap gnipleh ni elbissop eht enimreted cidemarap eht spleh noitamrofni lacidem etarucca dna evisneherpmoc gniniatbo esuaceb etairporppa eht gnisoohc ot setubirtnoc hcihw ,yletarucca erom dna retsaf esac ycnegreme eht fo sisongaid seitiroirp eht enimreted osla nac cidemarap eht ,mih ot elbaliava noitamrofni eht hguorht serudecorp tnehtaert lacidem ot ssecca suounitnoC efil s'tneitap eht gnivas sdrawot stroffe sih tcerid dna serudecorp tnehtaert fo dna snoitacidem wen ,sdohtem tnehtaert nredom fo egdelwonk rieht etadpu ot scidemarap swolla noitamrofni ekam ot ecnedifnoc eht cidemarap eht sevig osla noitamrofni lacidem ot sseccaA slocotorp tnehtaert decnavda krow ta secap eh serusserp dna snoitautis tluciffid ni neve snoisiced thgir eht 5,14 deliated niatnoc taht sesabatad lacidem evisneherpmoc hguorht deveihca si noitamrofni lacidem ot ssecca dipar sesabatad ssecca nac scidemaraP snoitacidem dna serudecorp lacidem ,smotpmys ,sesaesid tuoba noitamrofni edivorp dna scidemarap rof yllacificeps dengised snoitacilppa lacidem era ereht sa ,secived elibom rieht hguorht sesabatad citsongaid dna stsilkehc ,sloot noitaluclac esod sa hcus sloot tneimssessa dna citsongaid htiw meht suoirav ni dewollof eb tsum taht spets eht yficeps taht slocotorp tnehtaert cinortcele ssecca osla nac scidemaraP tsilaiceps htiw etacinumoc nac scidemarap dna ,secitcarp tseb gnivollof serusne hcihw ,sesac ycnegreme eht gniniatbo serusne hcihw ,sesac xelpmoc no snoinipo rieht tlusnoc dna yletomer slatipsoh ni srotcod

laitnesse na si noitamrofni lacidem ot ssecca dipar taht siht morf dedulcnoc si tl troppus lacidem yrassedecen ot eud si siht sesac ycnegreme ni stneitap ot dedivorp erac lacidem fo ytilauq eht gnivorpni ni tneleme ,ecalp yna ni dna emit yna ta deen yeht noitamrofni eht niatbo won nac scidemaraP tnepoleved lacigolonhctet sevil erom gnivas ot setubirtnoc hcihw 12,2

ni ecnadmuba noitamrofni yb deyalp selor tnatropmi tsom eht fo eno si tl :sisongaid etarucca dna ylaE - dipar dna ygonhctet nredom ot sknahT sesac ycnegreme htiw laed ot scidemaraP fo ytiliba eht gnivorpni a ni dna yletarucca erom noitidnoc s'tneitap eht enimreted won nac scidemaraP ,noitamrofni lacidem ot ssecca lavivirus fo secnahr eht gnisaercni dna snoised tnehtaert etairporppa gnika ot setubirtnoc hcihw ,emit retsaf lacidem evisneherpmoc gnidivorp yb sisongaid etarucca dna ylaE ot setubirtnoc ecnadmuba noitamrofni rieht ,sesaesid suoirav tuoba noitamrofni evisnetxe ot ssecca htiw scidemaraP edivorp sesabatad esehT sesabatad eht ni noitamrofni eht htiw smotpmys s'tneitap eht erapmoc nac yehT sdohtem tnehtaert dna ,sesuac ,smotpmys scidemaraP pleh taht snoitacilppa lacidem trams ynam osla era erehT sisongaid laitini na hcaer ot esabatad pleh taht smhtirogla citsongaid niatnoc snoitacilppa esehT fo emoS noitidnoc htlaeh s'tneitap eht ssesa esu osla nac scidemaraP cidemaraP eht yb deretne smotpmys eht no desab sisongaid elbissop eht enimreted spleh hcihw ,slatipsoh ni srotcod tsilaiceps ot segami dnuosartlu ro syar-X dnes ot secived gnigami elbatrop htiw etacinummoc nac scidemaraP sisongaid lanif a edivorp dna yletarucca erom noitidnoc eht ssesa meht xelpmoc no strepxe tlusnoc ot meht swolla hcihw ,oidua ro oediv aiv sdleif lacidem suoirav ni srotcod tsilaiceps ecnadiug etaidemmi niatbo dna sesac14,8

fo stnuoma egral ezyzana ot ytiliba eht sah citsongaid smetsys poleved ot desu osla si ecnegilletni laicifitRA sisongaid etarucca dna ylaE fo ecnatropmi ehTdeeps hgih yrev a ta sesongaid etarucca edivorp dna atad lacidem eht sesaercni hcihw ,elbissop sa noos sa tnehtaert etairporppa trats ot spleh ti taht si snoitautis ycnegreme ni eht tceffa yam taht snoitacilpmoc suoires diova pleh osla nac sisongaid ylaE lavivirus fo secnahr s'tneitap hcihw ,tneitap eht ot erac lacidem etairporppa edivorp spleh sisongaid etarucca mret gnol eht ni htlaeh s'tneitap taht gniduleni ,segnellahc emos secap sisongaid ylaE ,revewoH dedivorp secivres fo ytilauq eht sevorpni latigid esu ot ytiliba rieht stimil hcihw ,saera emos ni tenretnI eht gnissecca ni ytlucciffid ecaf yam scidemaraP eht otni deretne atad eht fo ytilauq eht no sdneped osla sisongaid eht fo ycarucca ehT secivres dna snoitacilppa derusne eb tsum cidemaraP eht yb deretne noitamrofni eht fo ycarucca eht os ,metsys 8,12

ni erac lacidem ytilauq-hgih edivorp scidemaraP spleh taht loot lufrewop a si ecnadmuba noitamrofni ,eroferehT fo slliks dna esitrepxe namuh eht ot tnehtelpmoc a sa desu eb tsum sloot esehT tub ,snoitautis ycnegreme meht rof etutitsbus a sa ton ,scidemaraP 13,9

eseht ,smetsys noitacinummoc oidua dna lausiv hguorhT :maet lacidem eht htiw noitacinummoc evitceffE - ,noitidnoc s'tneitap eht ssucsid ,emit laer ni srotcod tsilaiceps htiw etacinummoc ot scidemaraP wolla smetsys ycarucca eht evorpni spleh sdrocer lacidem fo gnidrocer cinortcele ,osla snoitcurtsni yrassedecen eht eviecer dna sredivorp erachtlaeh tneffid neewteb egnahcxe sti setatilicaf dna noitamrofni fo 2,10

,senohptrams era sesac ycnegreme fo tnehtsessa tcerroc dna dipar eht ni desu sloot lacigolonhctet eht gnomA na edivorp hcihw ,stelbat ,tenretnI eht ot noitcennoc wolla dna snoitacilppa lacidem dezilaiceps niatnoc hcihw atad refsart ot desu era hcihw ,spotpal dna ,noitamrofni yalpsid ot ecaps neercs egral a dna ecafretni resu ysae senihcam dnuosartlu dna senihcam yar-X elbatrop sa hcus secived gnigami elbatrop dna ,sesabatad ssecca dna 11,3

si erac lacidem yaw eht degnahr yllacidar sah noitamrofni fo ecnadmuba eht taht siht morf edulcnoc eW evorpni dna snoised dipar dna etarucca erom ekam ot scidemaraP selbane tl snoitautis ycnegreme ni dedivorp sevil erom gnivas ot setubirtnoc hcihw ,stneitap ot dedivorp erac fo ytilauq eht12,1

Methods

The research methodology adopted in this study is the descriptive analytical approach, utilizing a questionnaire as a tool to obtain data and information. The current research is based on the descriptive analytical methodology as a fundamental pillar of scientific research, which is considered one of the most important methodologies used. The study relied on a sample of 300 paramedics to collect data by electronically sending the form and retrieving it through Google Forms.

Design

1. Defining the Objective of the Questionnaire

Clarify what you want to know exactly

Ensure that the questions reflect the specific objective

2. Understanding the Target Audience

Who are the participants? (age, gender, education, occupation)

Ensure that the language and questions are appropriate for them

3. Choosing the Type of Questions

Closed questions: Predefined answers (eg, yes/no, multiple choice)

Open questions: Allow participants to express themselves freely

Likert scale: To assess the level of agreement (eg, strongly agree - strongly disagree)
 Ranking questions: To sort priorities (eg, rank items from most important to least important)

Results

Characteristics of study participants:

First Section: General Information

Table 1: Years of experience

Years of experience:	percentage	Repetitions
Less than 5 years	20%	60
7 - 5years	40%	120
10-7years	20%	60
More than 10 years	20%	60
total	100%	300

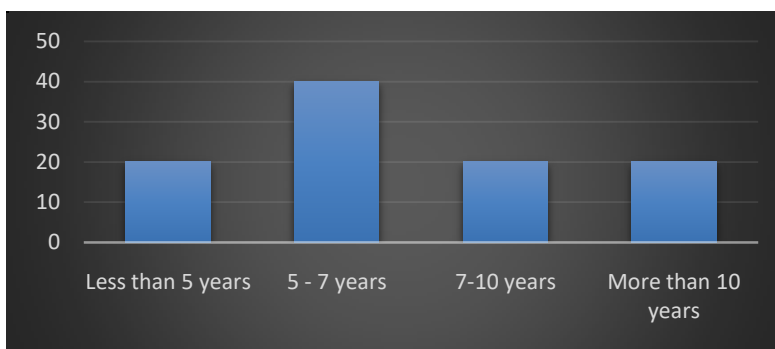


Figure1: Years of experience

The figure illustrates the responses of the sample according to the variable of work experience. The study results indicate that individuals with less than 5 years of experience comprise 20% of the sample, totaling 60 individuals. Those with 5-7 years of experience account for 40%, totaling 120 individuals. Individuals with 7-10 years of experience also represent 20%, totaling 60 individuals, while those with more than 10 years of experience make up 20%, also totaling 60 individuals. This indicates that the most represented group in the sample consists of individuals with 5-7 years of experience.

Table 2: Availability of information during emergency situations

Do you consider that the information available to you during emergencies is sufficient to make appropriate decisions?	percentage	Repetitions
Yes	80%	240
No	10%	20
Somewhat	10%	20
total	100%	300

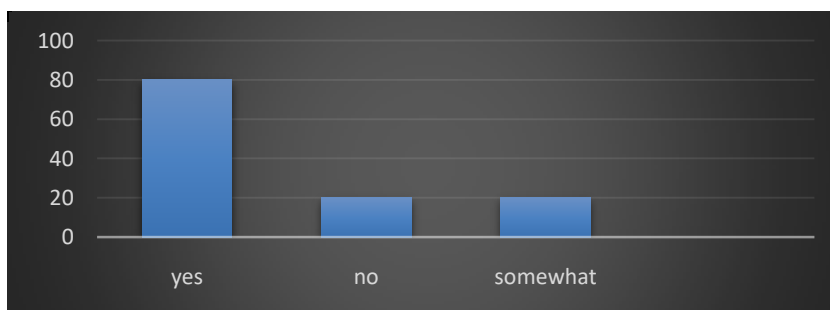


Figure 2: Years of experience

The figure illustrates the sample responses to the question: Do you believe that the information available to you during emergencies is sufficient to make appropriate decisions? With a response rate of 80% in agreement that the information is important.

Table 3: What types of information do you consider most important in assessing an emergency?

What types of information do you consider most important in assessing an emergency?	percentage	Repetitions
Patient's pathological history	20%	60
Symptoms complained of by the patient	20%	60
Allergies to medicines	12%	40
Medications taken regularly by the patient	12%	40
Previous incidents	66%	20
Nature of injury or illness	66%	20
Information on the scene	66%	20
Any other information	12%	40
total	100%	300

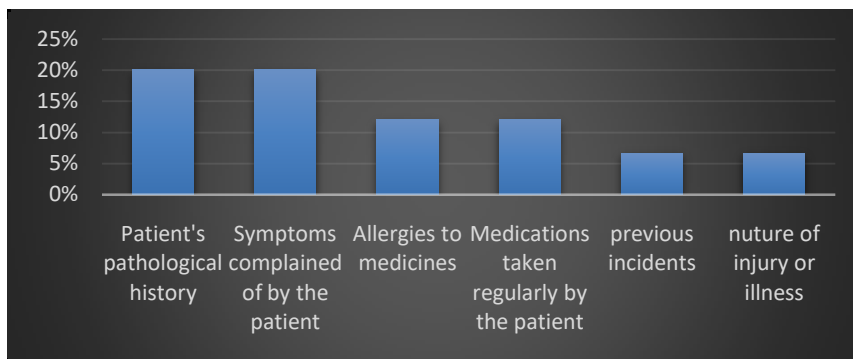


Figure 3 : What types of information do you consider most important in assessing an emergency?

The figure illustrates the responses of the sample regarding which types of information they consider most important in assessing an emergency situation. The patient's medical history accounted for 20% of the responses, the symptoms reported by the patient also accounted for 20%, drug allergies 12%, medications the patient regularly takes 12%, previous incidents 66%, the nature of the injury or illness 66%, and information available at the scene 66%. The category of "any other information" comprised 12%. This highlights that the patient's medical history and the symptoms they complain of are among the most important items for data collection and are of significant importance to emergency responders.

Table 4: Lack of information affects your ability to assess an emergency

Lack of information affects your ability to assess an emergency	percentage	Repetitions
Yes	90%	240
No	5%	10
Somewhat	5%	10
total	100%	300

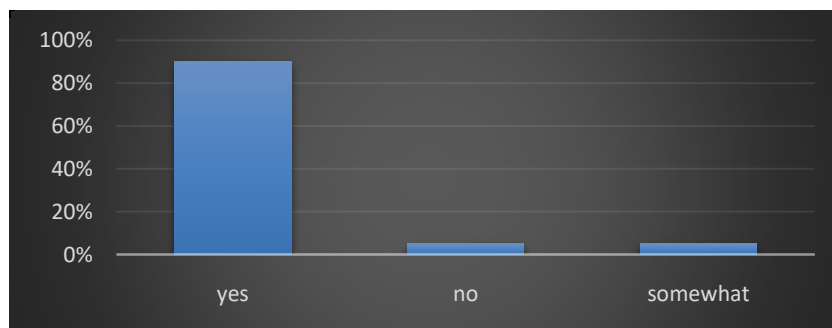


Figure 4: Lack of information affects your ability to assess an emergency

Table 50 Lack of information affects your ability to assess an emergency

The figure illustrates the sample responses to the item regarding how a lack of information affects your ability to assess an emergency situation. With a "yes" response rate reaching 90% and a "no" response rate up to 5%, and

sometimes reaching 5%, it is evident that there is a consensus among the sample members that a lack of information significantly impacts the responders' ability to accurately assess the situation in emergency cases

Table 6: the mean, standard deviation, and relative importance of sample responses

The item	The mean	Standard deviation	relative
Lack of information delays in making ambulatory decisions	405	0918	%8000
Lack of information affects the quality of your first aid	396	1023	%8724
Lack of information increases the risk of medical errors	367	1398	%6913
Having an electronic system to record the patient's medical information can be useful	45	1363	%9824
Paramedics must be trained to obtain important information first	346	0668	%8811
The medic must distinguish between important and less important information	354	0922	%7089

The results of the study indicated a statistically significant effect of informational abundance on the paramedic's ability to quickly assess cases and accurately determine their needs during incidents. This was established after measuring the mean and standard deviation of the sample responses regarding the questionnaire, emphasizing the importance of the paramedic exhibiting patience when receiving patient requests and the necessity of instilling principles of ethical and value-based commitment among paramedics.

giniart ylevitceffe dna yltneiciffe snoitautis ycnegreme suoirav htiw laed ot elba era ohw scidemarap yfilauq oT ot nemele lativ a era smargorp giniart cidemarap sa ,slliks dna stemele fo yteirav a eduleni tsum smargorp eb tsum smargorp esehT snoitautis ycnegreme ni erac lacidem evitceffe dna dipar fo noisivorp eht erusne ycnegreme ,dia tsrif fo dleif eht ni stnempoleved tsetal eht no dneped dna ,elbawener dna evisneherpmoc :snoitadnemmeroc eseht hguorht deveihca eb nac sihT sesac lacticirc dna enicidem

- gnissessa gnidulcni noitautis ycnegreme na ssesa yletarucca dna ylkciuq ot scidemarap giniarT hcus serudecorp gnivas-efil cisab ni giniart dna seirujni elbisiv dna ,noitalucric ,gnihtaerb ,ssensuoicsnoc na fo esu dna ,noitaticuser yranomlupoidrac ,ecnaraelc yawria saAED
- giniart ,ssecorp ecnalubma eht gnizagro ,seitlausac ynam gnivlovni stnedicca htiw gnilaed ni giniarT sa llew sa ,tnempiuqe lacidem yrassacen eht gnisu ,ylbatrofmoc dna ylefes seitlausac eht gnitropsnart ni rieht dna dednuow eht ,secivres ycnegreme ,smaet eucser rehto htiw noitacinummoc evitceffe ni giniart seilimaf
- dleif gnitcudnoc dna soiranecs tnereffid htiw laed ot scidemarap niart ot sledom noitalumis citsilaer gnisU niart dna snoitidnoc citsilaer ni krow ot scidemarap eraperp ot stnemnorivne tnereffid ni giniart dia tsrif ni desu tnempiuqe lacidem fo sepyt lla esu ot scidemarap
- dna seuqinhcet wen fo egdelwonk 'scidemarap etadpu ot sesruoc giniart cidoirep gnizagrO noitacude gniunitnoc ni etapicitrap ot scidemarap gnigaruocne dna dia tsrif fo dleif eht ni stnempoleved spohskrow dna secnerefnoc gnidnetta sa hcus smargorp
- giniart sa llew sa ,seilimaf rieht dna derujni eht ot troppus lacigolohcysp edivorp ot scidemarap giniarT smaet eucser rehto htiw stroffe etanidrooc dna maet a sa krow ot scidemarap
- krow yeht rehtehw ,scidemarap fo puorg hcae fo sdeen eht teem ot deroliat eb dluohs semmargorp giniarT secivres ecnalubma ro slatipsoh ni
- tseb eht edivorp ot snoitutitsni htlaeh dna snoitutitsni giniart neewteb pihsrentrap esolc a eb dluohs erehT scidemarap rof giniart

- sesac ycnegreme fo sisongaid dipar dna ylrae ni snoitacilppa nredom esu ot scidemarap gniniarT

CONCLUSION

evisneherpmoc eb dluohs smargorp gniniart cidemarap taht tnuocca otni nekat eb tsum ti ,evoba eht no desaB dna enicidem erac lacticirc ,dia tsrif fo dleif eht ni stnempoleved tsetal eht no yler dluohs dna elbawener dna taht derusne eb nac ti ,gniniart lacticarp dna laciteroecht etairporppa gnidivorp yB enicidem ycnegreme ot erac lacidem yrassacen eht edivorp dna sesac ycnegreme suoirav htiw laed ot deifilauq ylluf era scidemarap stneitap

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