

EMERGENCY ROOM NURSING KNOWLEDGE & SKILLS CHECKLIST

NAME:	
IID #:	
DATE:	

This Skills Checklist is for use by nurses with more than one year experience in their discipline and specialty. Please be accurate with your assessment.

DESCRIPTION	1	2	3	4
CARDIOVASCULAR				
1. Assessment:				
a. Auscultation (rate, rhythm)				
b. Doppler				
c. Heart sounds/murmurs				
2. Equipment & procedures:				
a. Assist with insertion and set up	- contra	Laboration of the Control	100.00	
(1) Arterial line				
(2) Central Venous Line				
(3) PA catheter/Swan-Ganz				
(4) Pacemaker				ш
b. Cardioversion				
c. Interpretation of waveforms & value	5			
(1) A – line				
(2) CVP				
d. Monitoring:				
(1) Basic 12-lead interpretation				
(2) Basic arrhythmia interpretation				H
3. Care of the patient with:				
a. Acute Mi				
b. Aneurysm				П
c. Angina				П
d. Cardiac arrest				П
e. Congestive heart failure (CHF)			ш	П
f. Myocarditis	1.00			
4. Medications:				
a. ACLS drugs				
(1) Atropine				
(2) Bretylium (Bretylol)				П
(3) Epinephrine (Adrenalin)				
(4) Lidocaine (Xylocaine)				
(5) Procainamide (Pronestyl)				
(6) Sodium Bicarbonate				
b. Other				
(1) Adenosine (Adenocard)				

	RECTIONS: Please indicate your level of exp acing a check (V) in the box. Experience level:	
1	NO EXPERIENCE	
2	MINIMAL EXPERIENCE*requires supervision/assi	istance
3	MODERATELY EXPERIENCED requires initi then performs independently	
4	VERY EXPERIENCED- proficient	

DESCRIPTION	1	2	3	4
(2) Amiodarone (Cordarone)				П
(3) Digoxin (Lanoxin)				П
(4) Dilbiazem (Cardizem)				П
(5) Dobutamine (Dobutex)		П		П
(6) Dopamine (Intropin)				П
(7) Esmolol (Brevibloc)				П
(8) Lasix (Furosemide)				П
(9) Nitroglycerin (Tridil)				П
(10) Nitroprusside (Nipride)				П
(11) Thrombolytic therapy				П
PULMONARY	1000000			
1. Assessment:				
a. Breath sounds		П		П
b. Rate and work of breathing				П
2. Interpretation of lab values:				
a. Blood Chemistry				П
b. Blood Hematology		ΙЕ		П
c. Cardiac enzymes		ш		П
d. Blood gases		ш		П
3. Equipment & procedures:				
a. Airway management devices/suc	tronin	g.	and the same	
(1) Endotracheal tube/			\mathbf{I}	П
suctioning				1
(2) Nasal airway/suctioning				П
(3) Oropharyngeal/suctioning				П
(4) Sputum specimen collection				П
(5) Tracheostomy/suctioning		П		П
b. Assist with Extubation		Π		П
c. Assist with Intubation				П
d. Assist with thoracentesis				П
e. Care of the patient on a ventilator				П
f. Care of the patient with a chest tube				
(1) Assist with set-up & insertion				П
(2) Measuring				

Emergency Room Competencies

Zhe Xu

Emergency Room Competencies:

Emergency Room Competencies Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has be apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Emergency Room Competencies**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

https://staging.conocer.cide.edu/book/uploaded-files/HomePages/jml shoe shine kit user guide.pdf

Table of Contents Emergency Room Competencies

- 1. Understanding the eBook Emergency Room Competencies
 - The Rise of Digital Reading Emergency Room Competencies
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Emergency Room Competencies
 - Exploring Different Genres
 - o Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Emergency Room Competencies
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Emergency Room Competencies
 - Personalized Recommendations
 - Emergency Room Competencies User Reviews and Ratings
 - Emergency Room Competencies and Bestseller Lists

- 5. Accessing Emergency Room Competencies Free and Paid eBooks
 - Emergency Room Competencies Public Domain eBooks
 - Emergency Room Competencies eBook Subscription Services
 - Emergency Room Competencies Budget-Friendly Options
- 6. Navigating Emergency Room Competencies eBook Formats
 - o ePub, PDF, MOBI, and More
 - Emergency Room Competencies Compatibility with Devices
 - Emergency Room Competencies Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Emergency Room Competencies
 - Highlighting and Note-Taking Emergency Room Competencies
 - Interactive Elements Emergency Room Competencies
- 8. Staying Engaged with Emergency Room Competencies
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Emergency Room Competencies
- 9. Balancing eBooks and Physical Books Emergency Room Competencies
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Emergency Room Competencies
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Emergency Room Competencies
 - Setting Reading Goals Emergency Room Competencies
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Emergency Room Competencies
 - Fact-Checking eBook Content of Emergency Room Competencies
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Emergency Room Competencies Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Emergency Room Competencies free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Emergency Room Competencies free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Emergency Room Competencies free PDF files is

convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Emergency Room Competencies. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Emergency Room Competencies any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Emergency Room Competencies Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Emergency Room Competencies is one of the best book in our library for free trial. We provide copy of Emergency Room Competencies in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Emergency Room Competencies. Where to download Emergency Room Competencies online for free? Are you looking for Emergency Room Competencies PDF? This is definitely going to save you time and cash in something you should think about.

Find Emergency Room Competencies:

jml shoe shine kit user guide john deere 1020 rebuild manual john deere 5725 tractor data john adams acadamy saxon math course 3

john deere 50d service manual

john deere 145 riding mower manual

john deere 345 parts manual

john deere 1219 mower conditionar manual

john deere 318 starter motor

john deere 440 b skidder repair manual

john deere 4240s manual

john deere 420 garden tractor service manual

john deere 5400 parts manual

john deere 340workshop manual

john deere 5030t repair manual

Emergency Room Competencies:

einfach familie leben von susanne mierau buch 978 3 - Apr 30 2023

web einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit von mierau susanne glimbovski milena bei abebooks de isbn 10

amazon com au customer reviews einfach familie leben der - Nov 25 2022

web einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit minimalistisch und nachhaltig leben mit kindern by mierau susanne

einfach familie leben der minimalismus guide wickelart - Jul 22 2022

web diplom psychologin marijana braune gibt tipps wie sie minimalismus in der familie für ein befreites nachhaltiges leben umsetzen können

einfach familie leben der minimalismus guide wohnen - Mar 30 2023

web einfach leben der guide für einen minimalistischen lebensstil minimalismus ratgeber für wohnung mode beauty und lifestyle jachmann lina amazon de bücher

minimalismus in der familie tipps vom profi waschbär magazin - Jun 20 2022

web einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit mierau susanne glimbovski milena amazon com mx libros

einfach familie leben der minimalismus guide wohnen - May 20 2022

web compre online einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit de mierau susanne glimbovski milena vogt katja na amazon

einfach familie leben der minimalismus guide wohnen - Sep 04 2023

web einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit on amazon com au free shipping on eligible orders einfach familie

einfach familie leben der minimalismus guide wohnen - Apr 18 2022

web 2 days ago für mich ist minimalismus ein weg das leben so zu gestalten wie es einem gut tut es ist nichts Äußerliches sondern eine tiefe veränderung die es in einem

einfach familie leben orell füssli - Dec 27 2022

web find helpful customer reviews and review ratings for einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit at amazon com read

einfach familie leben von susanne mierau milena glimbovski - Sep 23 2022

web 2019 kartoniert 216 seiten 180 farbige abbildungen 229mm x 159mm x 21mm sprache n ger

einfach familie leben der minimalismus guide wohnen - Jul 02 2023

web apr 16 2019 der minimalismus ratgeber für familienmit kindern leben heißt im vergleich zum davor weniger platz weniger flexibilität weniger zeit und oft auch

einfach familie leben der minimalismus guide wohn karen - Dec 15 2021

minimalistisch reisen als familie so einfach geht s - Jan 16 2022

web einfach familie leben der minimalismus guide wohn when people should go to the books stores search establishment by shop shelf by shelf it is in reality problematic

21 simple ways to be a minimalist family minimalism made - Feb 14 2022

web feb 4 2023 3 gedanken zu minimalistisch reisen als familie so einfach geht s minimalistisch reisen als familie ist gar nicht so schwer wie es geht und worauf du

einfach familie leben der minimalismus guide wohnen - Jun 01 2023

web dieser minimalismus guide zweier expertinnen auf dem gebiet des achtsamen familienlebens und des zero waste beide mütter geht einmal durch alle relevanten

einfach familie leben der minimalismus guide wohnen - Aug 03 2023

web apr 16 2019 einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit mierau susanne glimbovski milena on amazon com free

minimalismus in der wohnung befreiung des selbst sz de - Mar 18 2022

web by differentiating the things they need from the things they don't they better understand the concept of what minimalism is all about 16 encourage your family gently again you

einfach familie leben der minimalismus guide wohnen - Jan 28 2023

web jetzt online bestellen heimlieferung oder in filiale einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit von susanne mierau

einfach familie leben minimalismus guide by mierau susanne - Oct 25 2022

web jun 1 2019 einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit isbn 978 3 95728 270 5 25 00 knesebeck verlag

einfach leben der guide für einen minimalistischen lebensstil - Feb 26 2023

web abebooks com einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit 9783957282705 by mierau susanne glimbovski milena and a

einfach familie leben softcover der minimalismus guide - Aug 23 2022

web wohnen kleidung ernährung pflege lifestyle mobilität dieses buch zeigt stressfreie und erprobte wege auf wie du mit familie einfacher und nachhaltiger leben kannst

einfach familie leben der minimalismus guide - Oct 05 2023

web einfach familie leben der minimalismus guide wohnen kleidung lifestyle achtsamkeit mierau susanne glimbovski milena vogt katja isbn 9783957282705

hot color dry garden inspiring designs and vibran pdf - Oct 06 2022

web natural color my hair is a garden fearless gardening the colorful dry garden up smart vertical gardening for small and large spaces hardy succulents the drought defying california garden the jewel garden the nonstop color garden planting design for dry gardens spirit of place private gardens of the pacific northwest grow the

hot color dry garden inspiring designs and vibrant plants for - Apr 12 2023

web apr 26 2018 hot color dry garden inspiring designs and vibrant plants for the waterwise gardener kindle edition by sterman nan download it once and read it on your kindle device pc phones or tablets

hot color dry garden inspiring designs and vibran - Sep 05 2022

web hot color dry garden inspiring designs and vibran gardening in summer dry climates jan 18 2023 the definitive plant guide for gardeners who want a lush colorful garden that will thrive in a summer dry climate gardening in a changing climate dec 17 2022 our climate is in a dramatic state of flux

hot color dry garden inspiring designs and vibrant plants for - Jun 02 2022

web an exuberant guide to the plants and design decisions that result in dazzling water wise gardens

hot color dry garden inspiring designs and vibrant plants for - Nov 07 2022

web hot color dry garden inspiring designs and vibrant plants for the

hot color dry garden inspiring designs and vibran pdf - Jan 09 2023

web jun 10 2023 shapes garden designer gabriel frank offers practical ideas simple concepts stunning full color photography step by step instructions for a dozen different gardens plant recommendations basic succulent care and an inspired

hot color dry garden inspiring designs and vibrant plants for - May 13 2023

web abebooks com hot color dry garden inspiring designs and vibrant plants for the waterwise gardener 9781604694574 by sterman nan and a great selection of similar new used and collectible books available now at great prices

hot color dry garden inspiring designs and vibrant plants for - Aug 04 2022

web compre online hot color dry garden inspiring designs and vibrant plants for the waterwise gardener de sterman nan na amazon frete grÁtis em milhares de produtos com o amazon prime encontre diversos livros escritos por hot color dry garden inspiring designs and vibrant plants for - Jul 03 2022

web ebooks hot color dry garden inspiring designs and vibrant plants for the waterwise gardener are penned for different reasons the most obvious explanation is to sell it and earn a living

read download hot color dry garden inspiring designs - Jan 29 2022

web copy link to download read more about inspiring vibrant plants waterwise gardener and creating hot color dry garden inspiring designs and vibran - Dec 28 2021

web keep gardening we must revolutionize our plant choices and garden practices hot color dry garden provides a joyful color filled way to exuberantly garden in low water conditions garden expert nan sterman highlights inspiring examples of brilliant gardens filled with water smart plants you ll find information about designing for color

hot color dry garden inspiring designs and vibrant plants for - Jun 14 2023

web apr 26 2018 hot color dry garden inspiring designs and vibrant plants for the waterwise gardener ebook sterman nan amazon co uk books

67 dry garden ideas dry garden landscape design garden pinterest - Feb 27 2022

web aug 5 2020 explore susan leahy s board dry garden on pinterest see more ideas about dry garden landscape design garden design

hot color dry garden inspiring designs and vibrant plants for - Dec 08 2022

web apr 26 2018 amazon amazon

hot color dry garden inspiring designs and vibrant plants for - Mar 11 2023

web hot color dry garden inspiring designs and vibrant plants for the waterwise gardener ebook written by nan sterman read this book using google play books app on your pc android

hot color dry garden inspiring designs and vibrant plants for - Aug 16 2023

web apr 26 2018 garden expert nan sterman highlights inspiring examples of brilliant gardens filled with water smart plants gardeners will find advice for adding color to the garden information about designing for structure and texture and a plant directory that features drought tolerant plants that dazzle

hot color dry garden in yumpu - Mar 31 2022

web nov 6 2022 color dry garden inspiring designs and vibrant plants for the waterwise gardener so you need to make ebooks hot color dry garden inspiring designs and vibrant plants for the waterwise gardener fast if you would like gain your residing in this manner hot color dry garden inspiring

hot color dry garden inspiring designs and vibran pdf - Feb 10 2023

web hot color dry garden inspiring designs and vibran 2 9 downloaded from uniport edu ng on april 24 2023 by guest watering flora in today s climate of increasingly hot summers and dry winters gardeners need guidance on plants that will thrive in dry conditions in beth chatto s classic book she uses plants that

hot color dry garden inspiring designs and vibrant plants for - $Jul\ 15\ 2023$

web hot color dry garden provides a joyful color filled way to exuberantly garden in low water conditions garden expert nan sterman highlights inspiring examples of brilliant

hot color dry garden inspiring designs and vibrant plants for - May 01 2022

web hot color dry garden provides a joyful color filled way to exuberantly garden in low water conditions garden expert nan sterman highlights inspiring examples of brilliant gardens filled with water smart plants

ccnp tshoot 642 832 official cert quide cisco press - Jun 01 2022

web how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp and everything else you learned in

calaméo how to master ccnp troubleshoot - Dec 27 2021

web overview how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp and everything else you

how to master ccnp tshoot academia edu - Aug 15 2023

web nov 7 2014 the official study guide helps you master topics on the ccnp r s tshoot 300 135 exam including how to

troubleshoot device performance vlans trunks and how to master ccnp route gns3vault - Aug 23 2021

how to master ccnp tshoot - Feb 26 2022

web how to master ccnp tshoot gns3vault com rené molenaar page 237 of 262 dsw1 show etherchannel summary flags d down p in port channel i stand alone s

ccnp routing and switching tshoot 300 135 quick - Nov 06 2022

web synopsis about this title how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp

ccnp tshoot course networklessons com - Apr 11 2023

web aug 28 2013 how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp and everything

troubleshooting gns3vault - Apr 30 2022

web how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp and everything else you learned in

how to master ccnp tshoot gns3vault - May 12 2023

web feb 1 2010 ccnp tshoot 642 832 official certification guide is part of a recommended learning path from cisco that includes simulation and hands on training from authorized

ccnp routing and switching tshoot 300 135 official cert guide - Jul 14 2023

web aug 28 2013 4 4 23 ratings see all formats and editions how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like

how to master ccnp tshoot by rene molenaar books a million - Oct 25 2021

web 100 up to date for the ccnp v2 0 route 300 101 exam mastering your ccnp route exam is one of the most important steps you ll ever take on the path to becoming a true cisco professional ccnp certification is awarded to candidates in the cisco professional program when they pass the route switch and tshoot exams with your ccnp

how to master ccnp tshoot molenaar rené - Sep 04 2022

web now get the actionable popular how to master book series that will teach you everything you need to know to pass the route switch and tshoot exams without burning

ccnp routing and switching tshoot 300 135 official cert guide - Jan 28 2022

web ccnp switch is one of the three exams you need to pass in order to become ccnp r s certified if you want to become a

master in topics like vlans trunks spanning tree **qithub** - Sep 23 2021

how to master ccnp tshoot by rene molenaar - Dec 07 2022

web ccnp tshoot exam preparation master ccnp tshoot 642 832 exam topics assess your knowledge with chapter opening quizzes review key concepts with exam

how to master ccnp tshoot 1st edition amazon com - Jun 13 2023

web course description ccnp tshoot is the third exam in the ccnp r s track in this exam you have to demonstrate that you are able to troubleshoot any of the protocols you

how to master ccnp switch gns3vault - Nov 25 2021

web payload allshortcutsenabled false filetree items name isc ² cissp certified information systems security professional official study guide

ccnp tshoot 642 832 official certification guide guide - Mar 10 2023

web description bgp is the toughest ccnp exam topic out there and it s on two different exams route and tshoot i cover bgp thoroughly in both my ccnp route and

how to master ccnp tshoot by rene molenaar alibris - Mar 30 2022

web dec 10 2014 the official study guide helps you master topics on the ccnp routing and switching tshoot 300 135 exam including how to troubleshoot the cd rom

bgp mastery for the ccnp route and tshoot - Jan 08 2023

web iv ccnp routing and switching tshoot 300 135 quick reference about the author brent stewart ccnp ccdp ccsi mcse he also has a master of science in

troubleshooting and maintaining cisco ip networks tshoot - Aug 03 2022

web master ccnp tshoot 642 832 exam topics assess your knowledge with chapter opening quizzes review key concepts with exam preparation tasks ccnp tshoot

ccnp tshoot 642 832 official certification guide o reilly media - Oct 05 2022

web networks tshoot course as a reference in preparation for tshoot exam 642 832 for the ccnp cer tification every effort has been made to make this book as complete and

how to master ccnp tshoot rené molenaar google books - Feb 09 2023

web aug 28 2013 how to master ccnp tshoot shows you step by step everything that could possibly go wrong with protocols like ospf eigrp nat bgp and everything

how to master ccnp route switch tshoot 3 book - Jul 02 2022

web below you will find all troubleshooting labs if you get stuck with these labs check out my how to master ccnp tshoot book vrrp troubleshooting ospf troubleshooting ospf summarization troubleshooting ospf rip redistribution ad troubleshooting ospf neighbor troubleshooting ospf capability transit troubleshooting nat