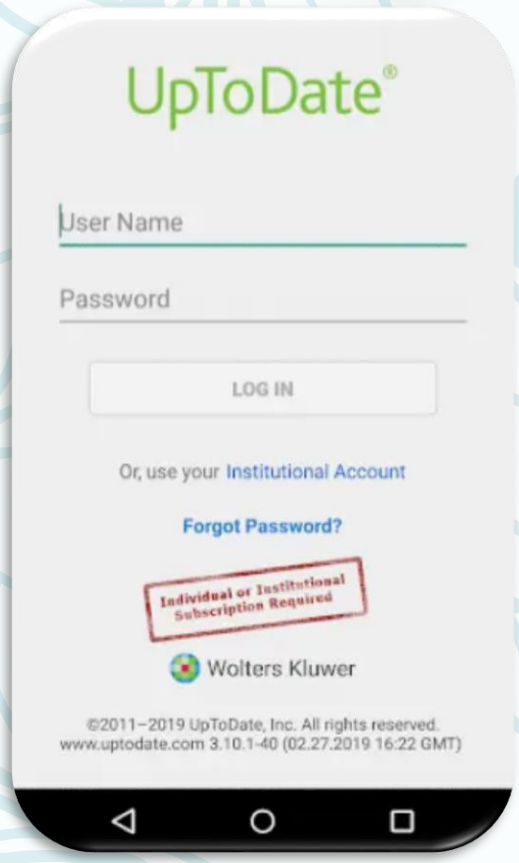
How to interact with Physicians about scientific issues and prescriptions?

Dr.Naser Seydbagian

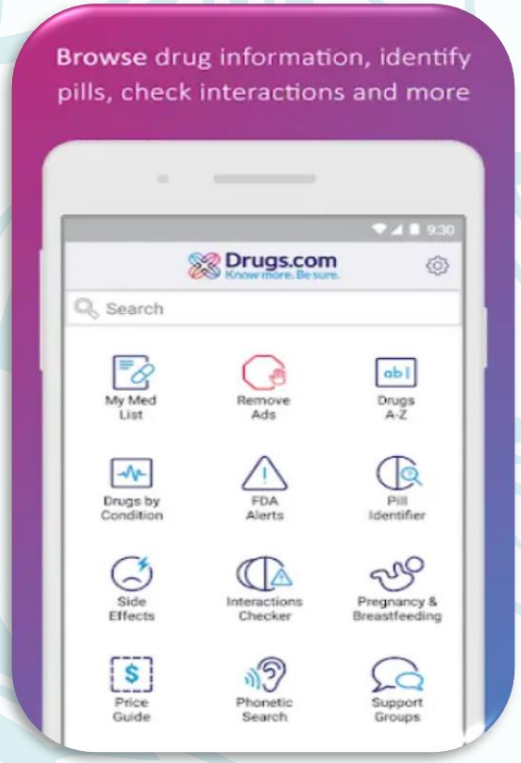
UpToDate



برخی از ویژگی های برنامه UpToDate for Androidاندروید :

- ✓ جستجو آسان با تکمیل خودکار
- ✓ کسب و پیگیری اعتبار CME / CE / CPDرایگان
- ✓ بوک مارک ها و تاریخچه
- ✓ ماشین حساب های پزشکی بهینه سازی شده برای موبایل
- ✓ ایمیل کردن مباحث و گرافیک ها به بیماران و همکاران
- ✓ پوشش دادن بیش از ۷۷۰۰ موضوع در ۱۵ زمینه پزشکی
- ✓ دارا بودن بیش از ۸۰.۰۰۰ صفحه متن و گرافیک و لینک به مطالب پزشکی
- ✓ دارا بودن بیش از ۲۶۰۰۰ مرجع و بانک اطلاعات دارویی
- ✓ دارا بودن توصیه های درمانی بر اساس بهترین مشاهدات پزشکی
- ✓ مانیتور کردن بیش از ۴۳۰ ژورنال پزشکی جهت تکمیل کردن این مجموعه
- ✓ کنترل کیفیت مقالات و اطلاعات دریافتی از منابع مختلف قبل از اضافه کردن به مجموعه
- ✓ امکان جستجویی دارویی خاص

Drugs.com



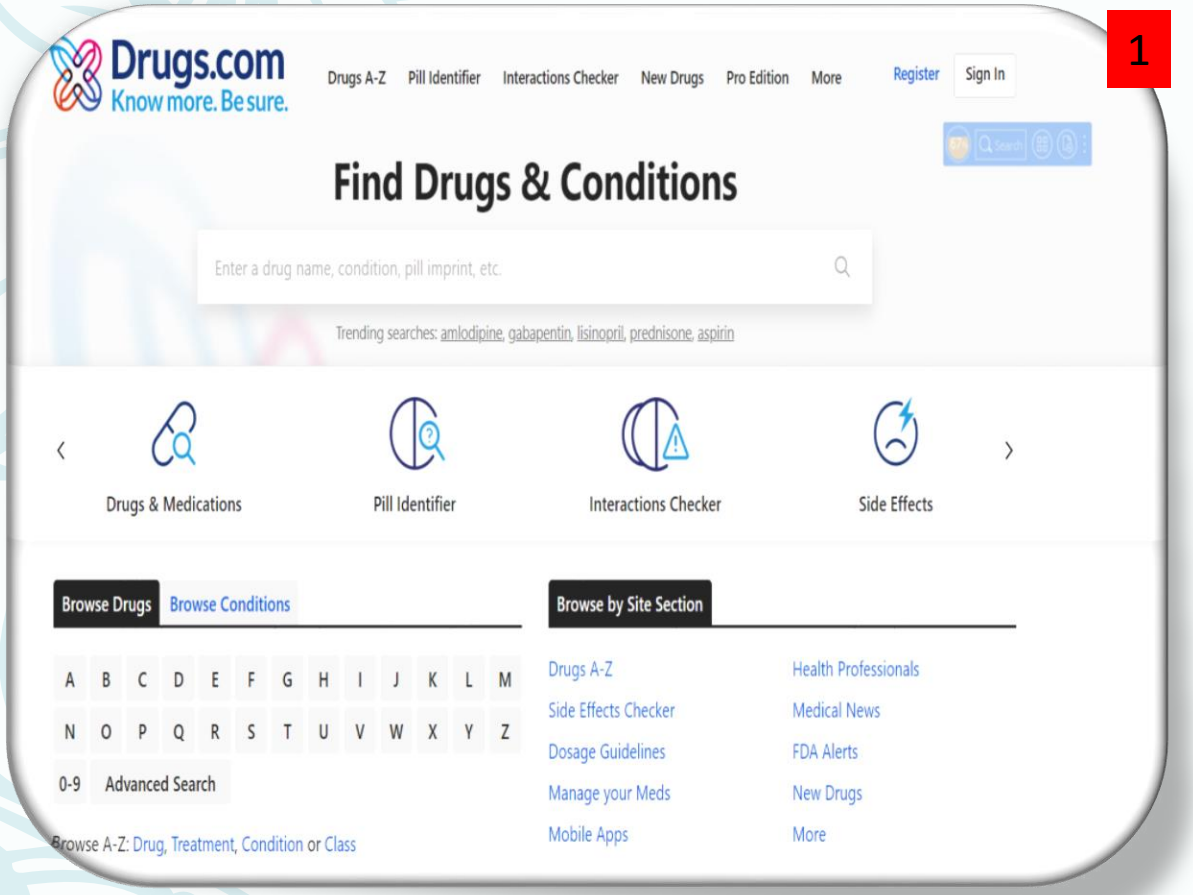
- ❑ اطلاعات جامع و کاملی درباره ی هر دارویی
- ❑ بررسی اختلالات دارویی
- ❑ موارد منع مصرف توام دارو ها

سایر ویژگی ها:

- ✓ لیست My Med شما می توانید در این لیست داروهای خود را اضافه نمایید تا به اطلاعاتی جامع درباره هشدارهای دارویی، تداخلات، اطلاعات دارو و پیشنهادات پزشکی دسترسی داشته باشید.
- ✓ لیستی کامل از داروها به ترتیب Aتا : Zجستجوی سریع و دقیق در جامع ترین پایگاه داده ای داروها
- ✓ شناسایی قرص ها : شناسایی داروها با اضافه کردن یک اثر پزشکی ، شکل یا رنگ
- ✓ پرسش و پاسخ
- ✓ متخصصین سلامت: دسترسی سریع به تمام ابزارهای قابل اعتماد

Drug Intraction Checker (Drugs.com) Gemfibrozil and Repaglinde

1



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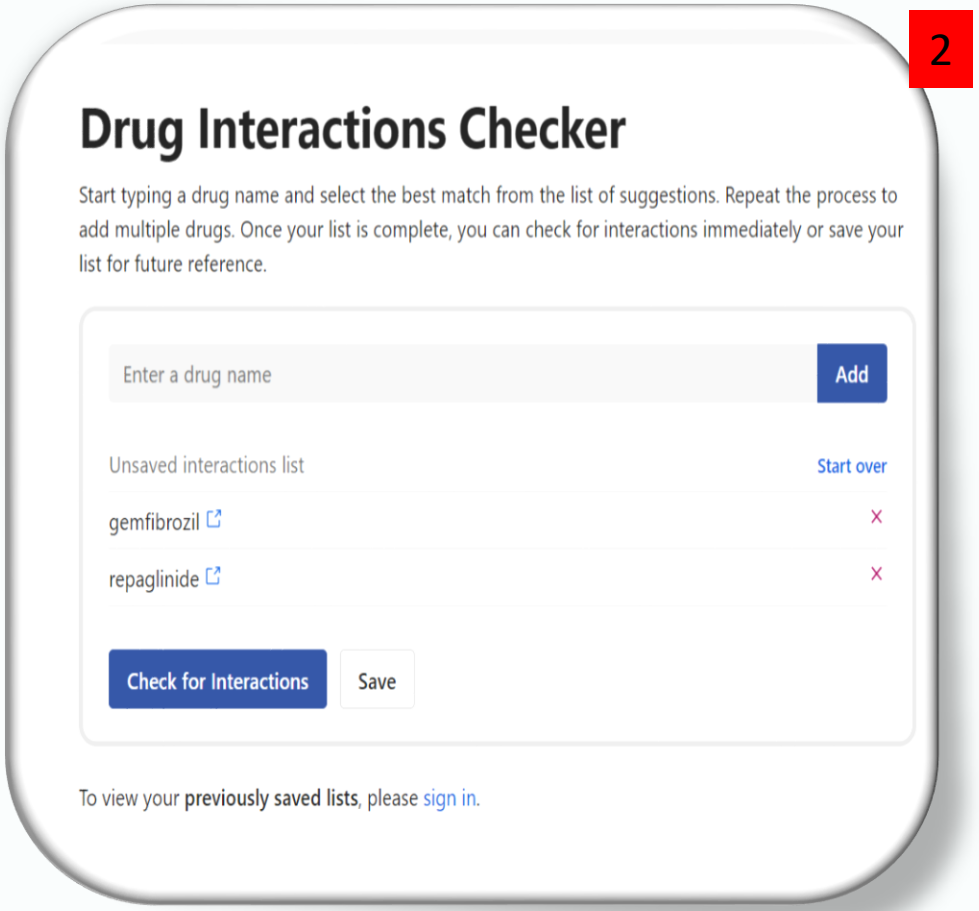
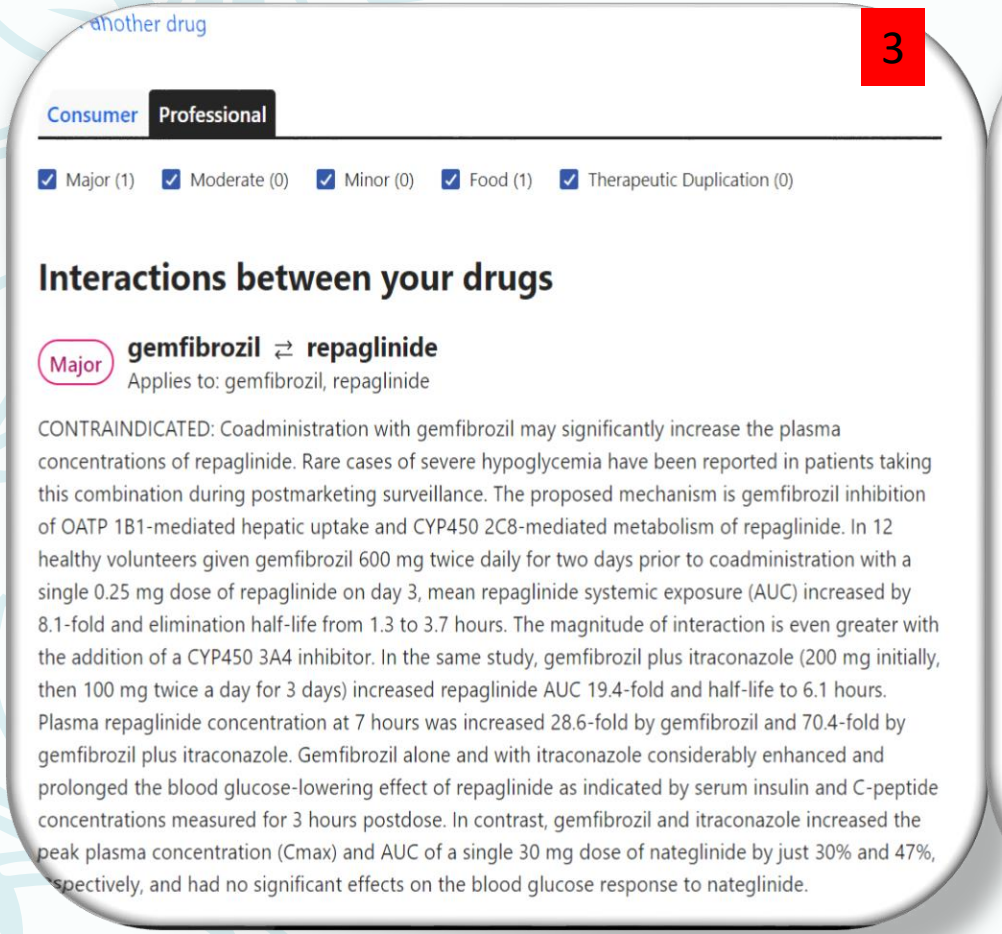
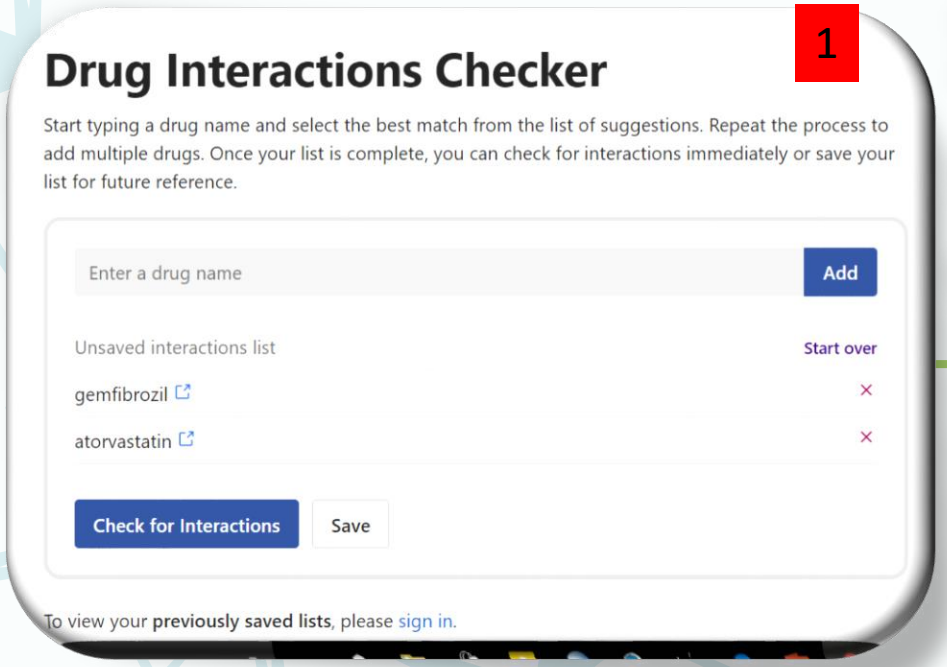
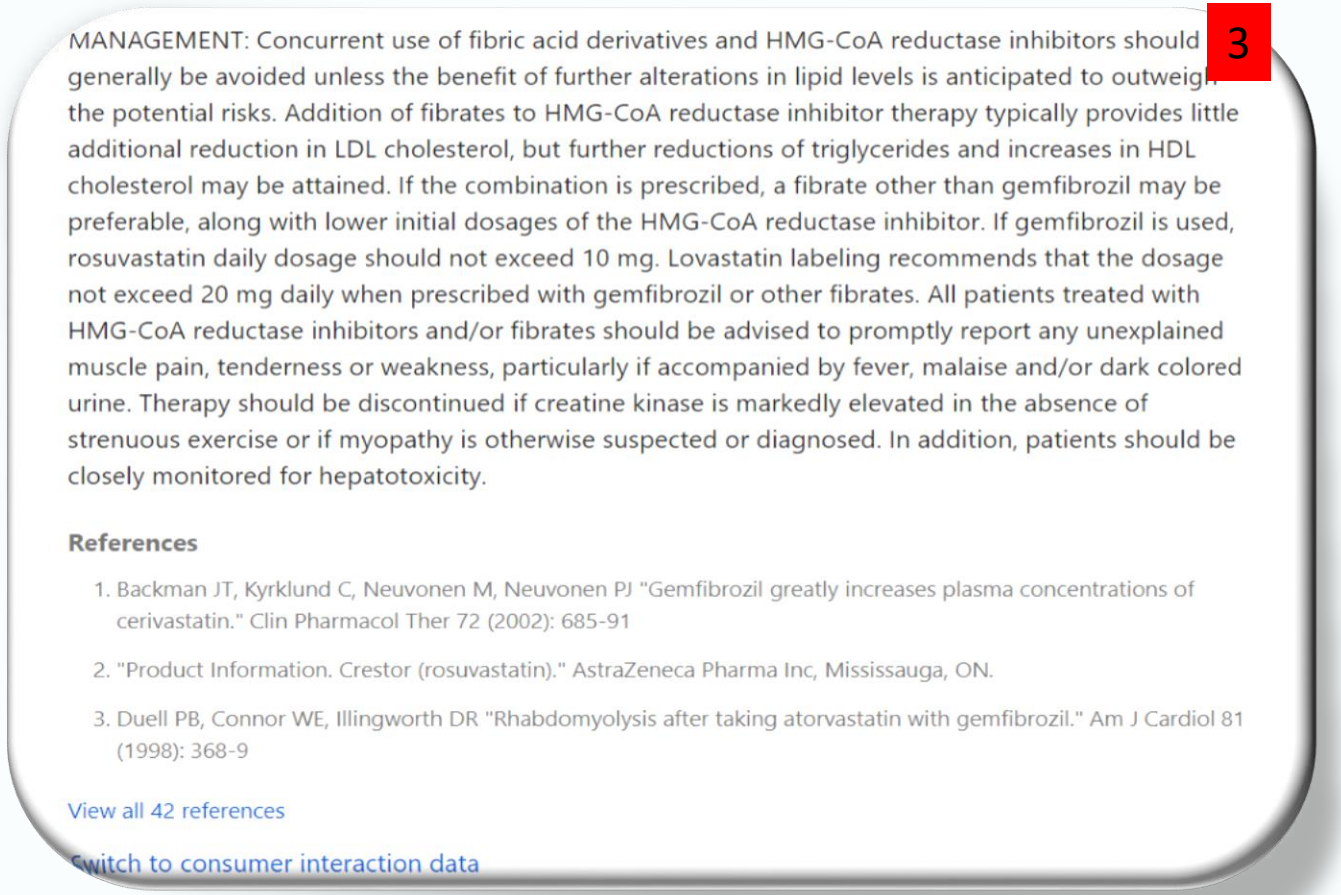


Drug Intraction Checker (Drugs.com) Gemfibrozil and Repaglinde



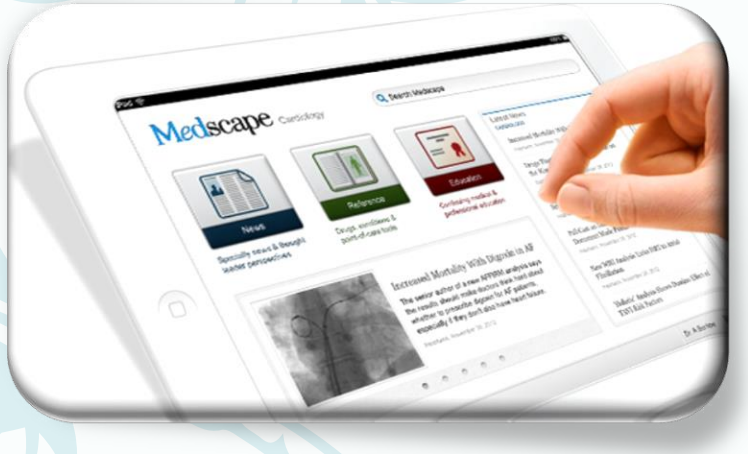
Drug Intraction Checker (Drugs.com) Gemfibrozil and Atorvastatin





Medscape

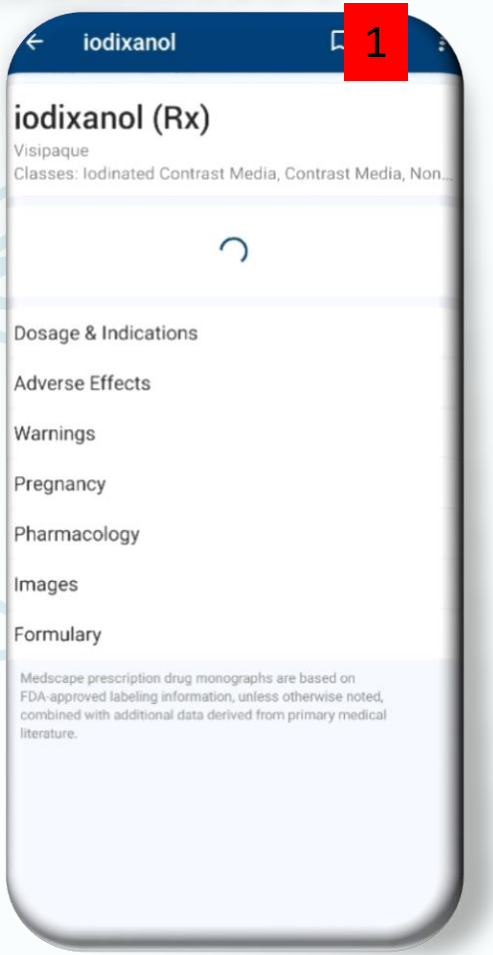
- ✓ اطلاعات درباره انواع داروهای طبی، گیاهی
- ✓ چک کننده اختلالات دارویی هم می تواند در بالین بیماران بسیار مفید باشد
- ✓ مشاوره پزشکی
- ✓ اخبار پزشکی
- ✓ اطلاعات دارویی و وسایل پزشکی : این بخش از اپلیکیشن توضیحات جامع و کاملی درباره انواع داروهای شیمیایی، گیاهی، مکمل و همچنین اسباب و وسایل علم پزشکی ارائه می‌دهد.
- ✓ بیماری‌ها و اطلاعات وضعیت : در این بخش اطلاعاتی جامع درباره بیش از ۴۴۰۰ نوع بیماری وجود دارد.
- ✓ ماشین حساب پزشکی : این ماشین حساب به ۱۲۹ مدل از انواع محاسبات پزشکی مانند فرمول‌ها، مقیاس‌ها و ... دسترسی دارد. همچنین محاسبه دوزهای بیش از ۶۰۰ نوع دارو در این بخش وجود دارد.
- ✓ دوره های آموزش پزشکی : دانشجویان می‌توانند برای تکمیل اطلاعات خود از دوره‌های آموزشی بیش از هزار موضوع در بیش از ۳۰ تخصص بهره ببرند.

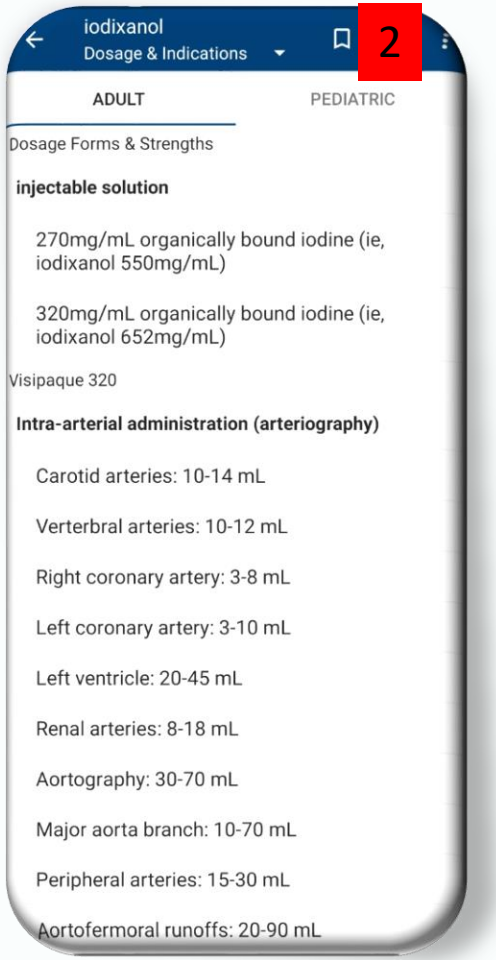


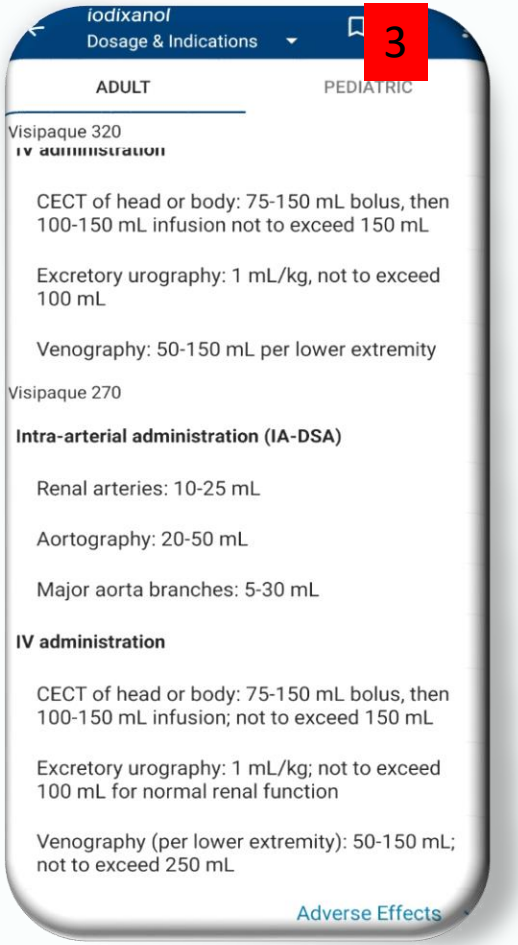
نقاط قوت

- دارای بهترین، کامل ترین و به روزترین اطلاعات پزشک
- ماشین‌حساب پزشکی دقیق
- دوره‌های آموزشی معتبر
- می‌توان به صورت آفلاین نیز از بخش‌هایی چون قسمت دارو، وضعیت و دوره و نحوه‌ی درمان بهره برد.

Dosing of drug (Mrdscape) Idixanol

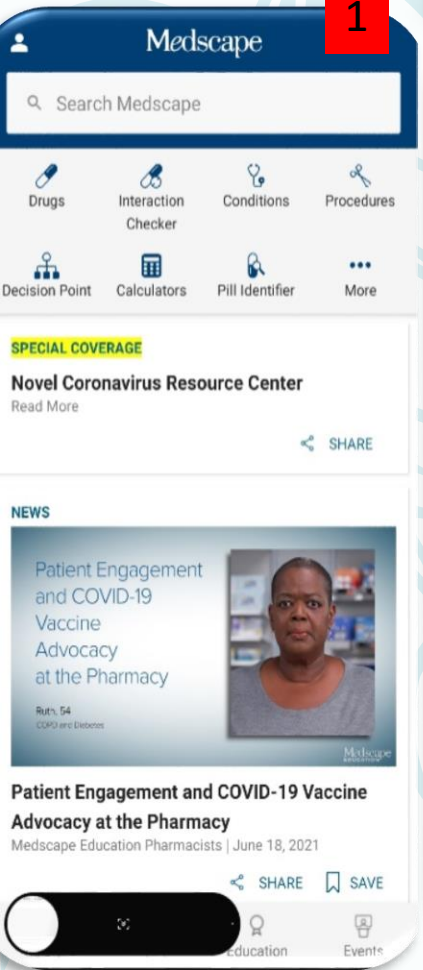






How to preparation drug (Medscape) Remdesivir

1



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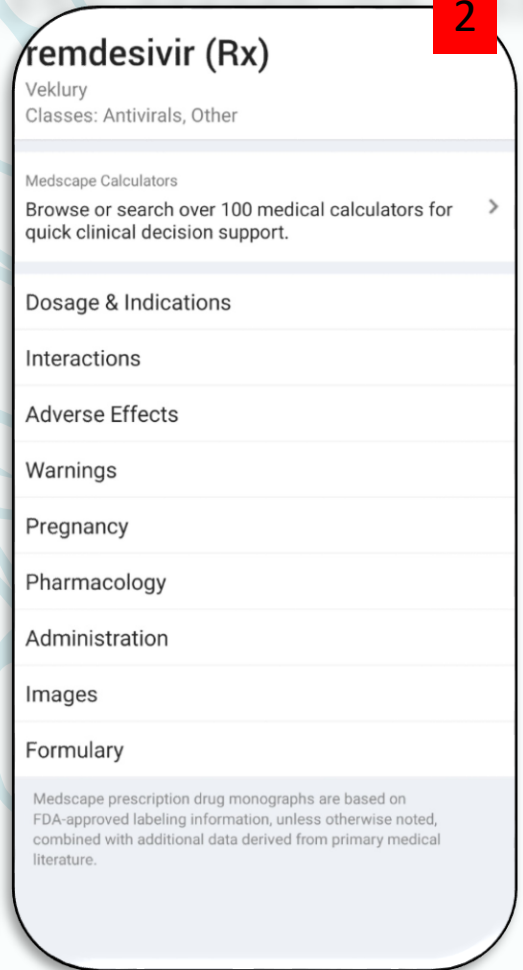

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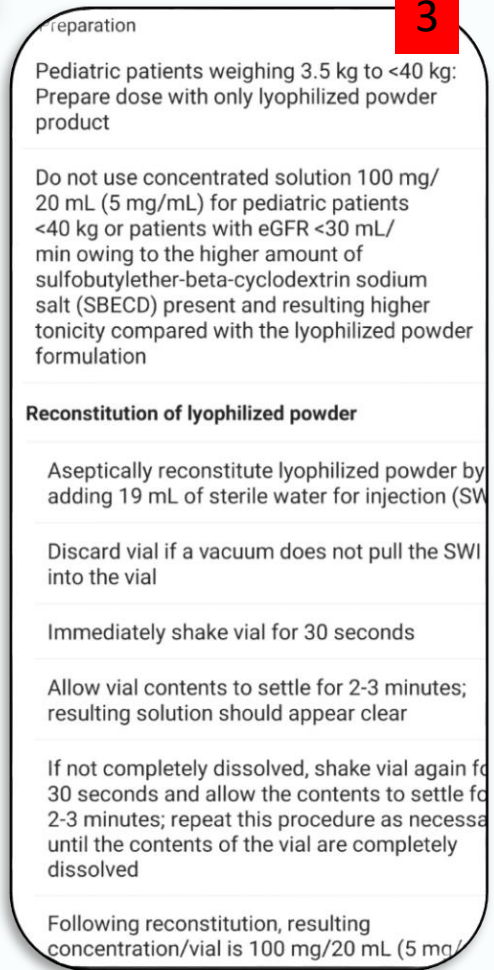

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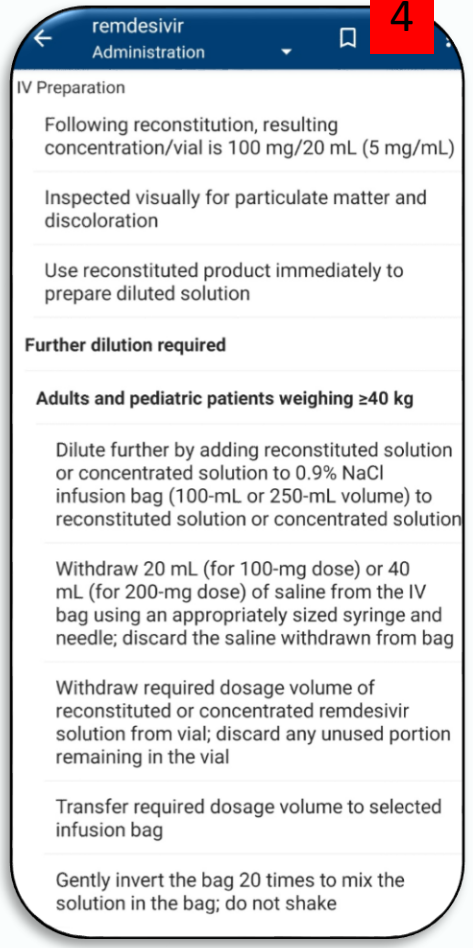

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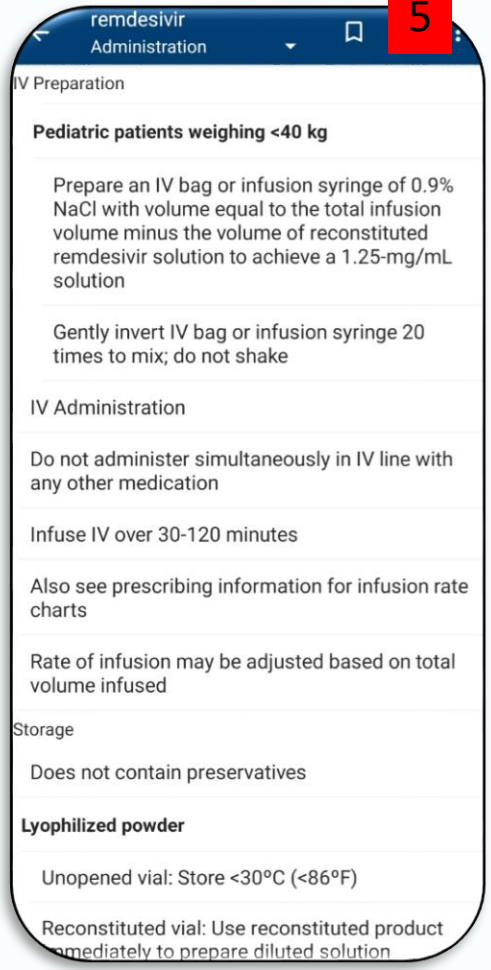
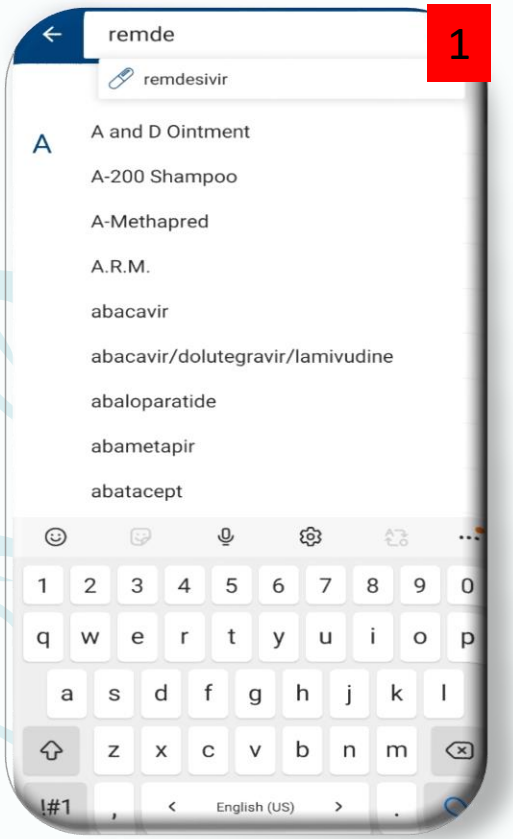
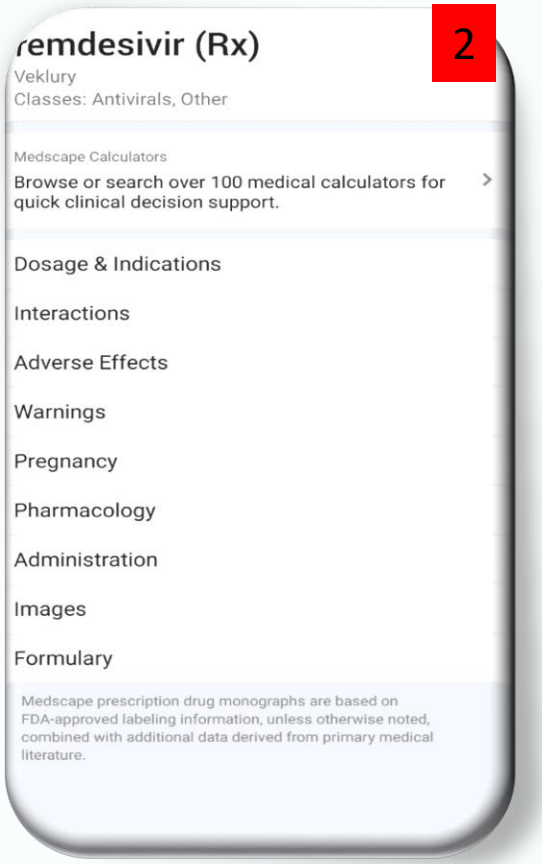
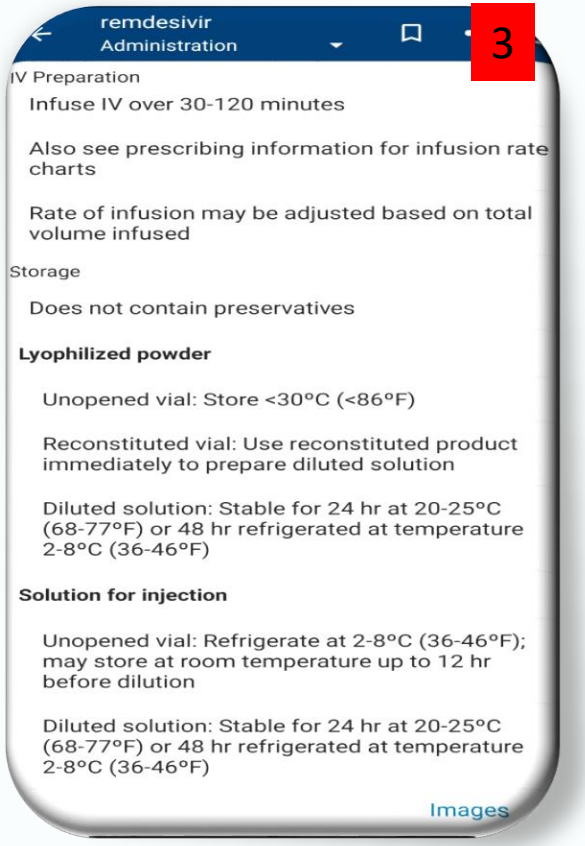


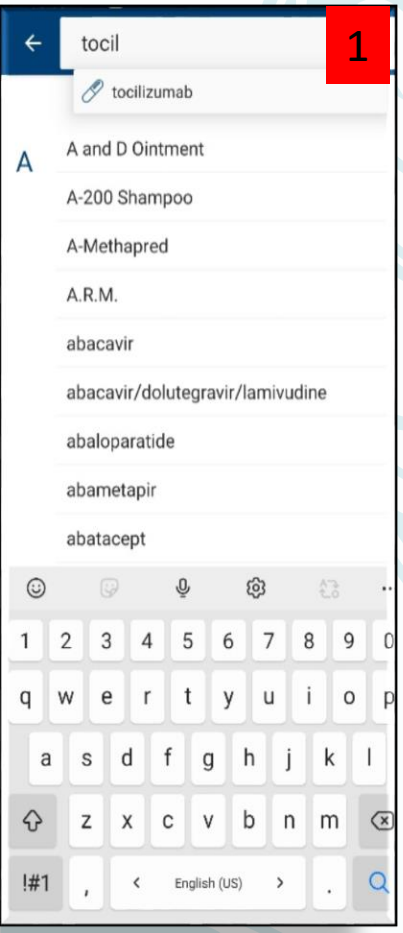
How to stoage drugs (Medscape) Remdesivir

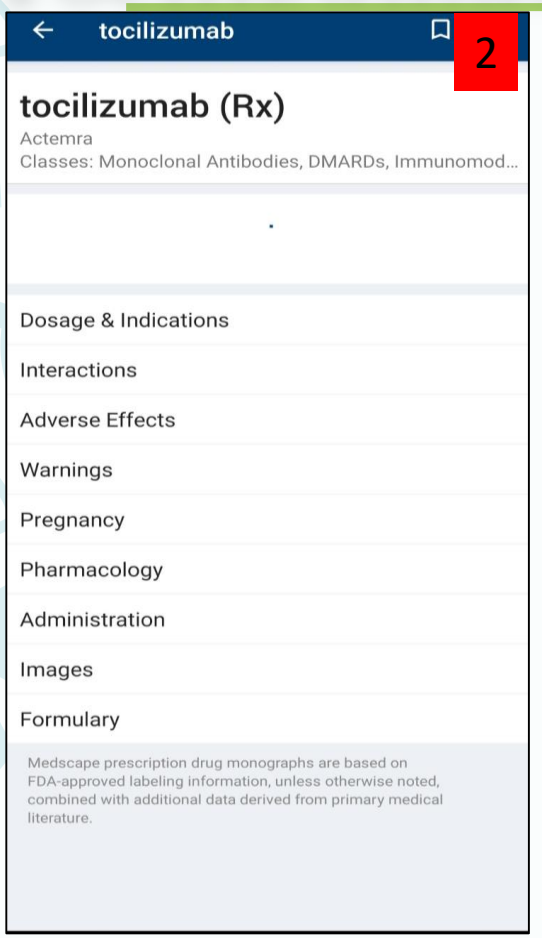


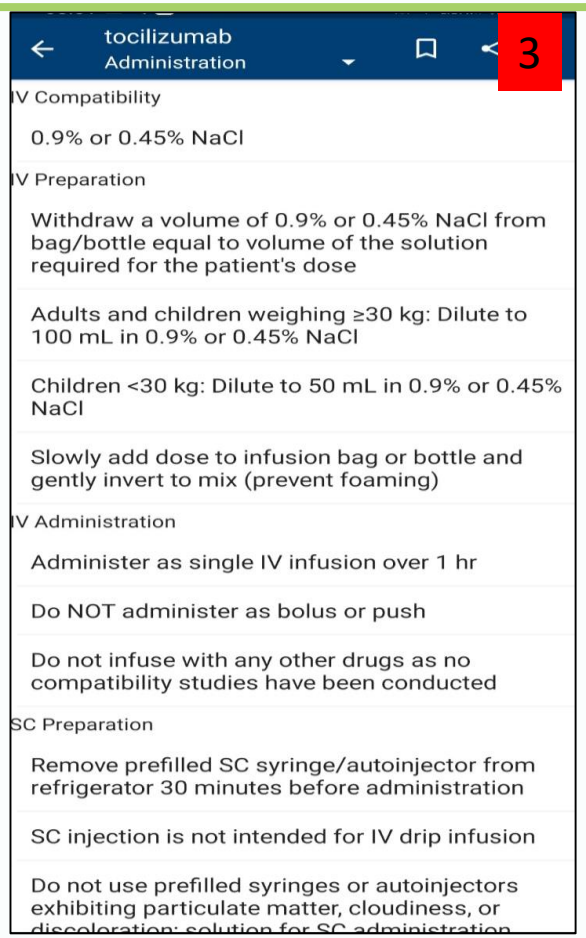


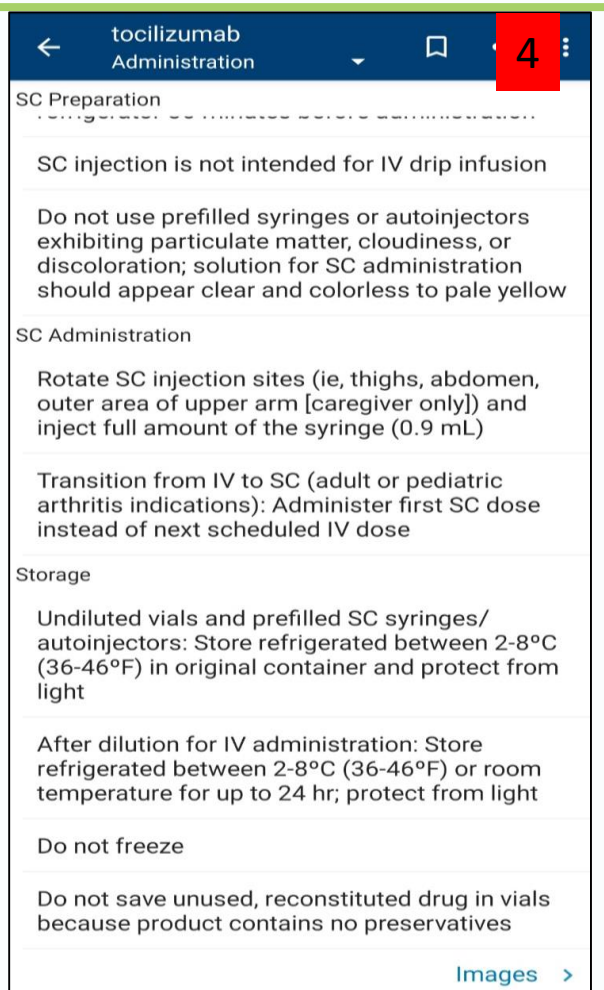


Compatibility of the Drug with serums (Medscape) Tocilizumab

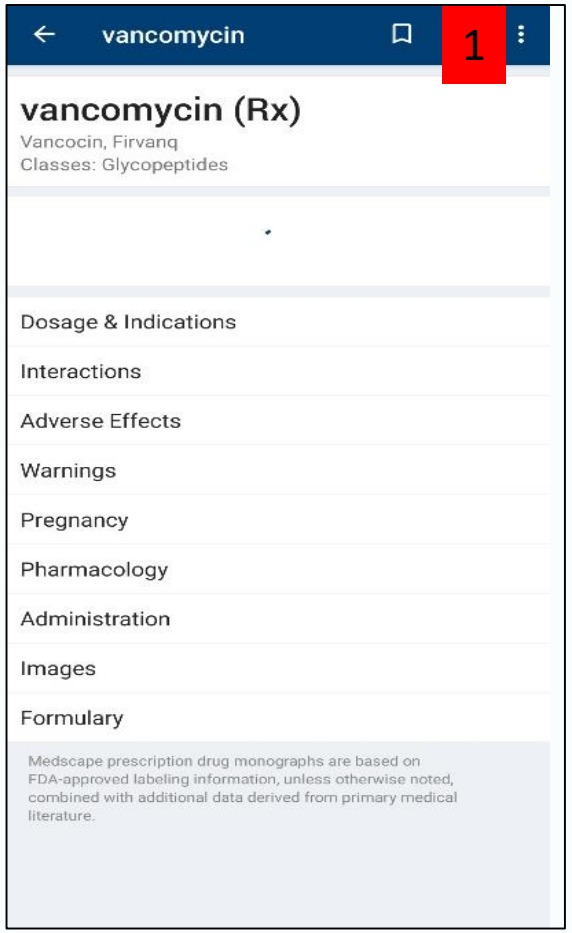


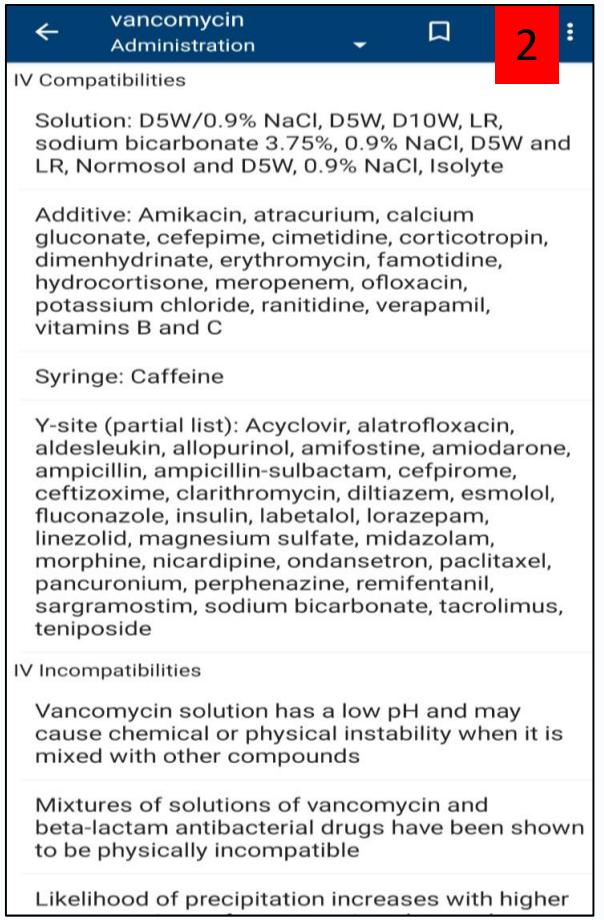




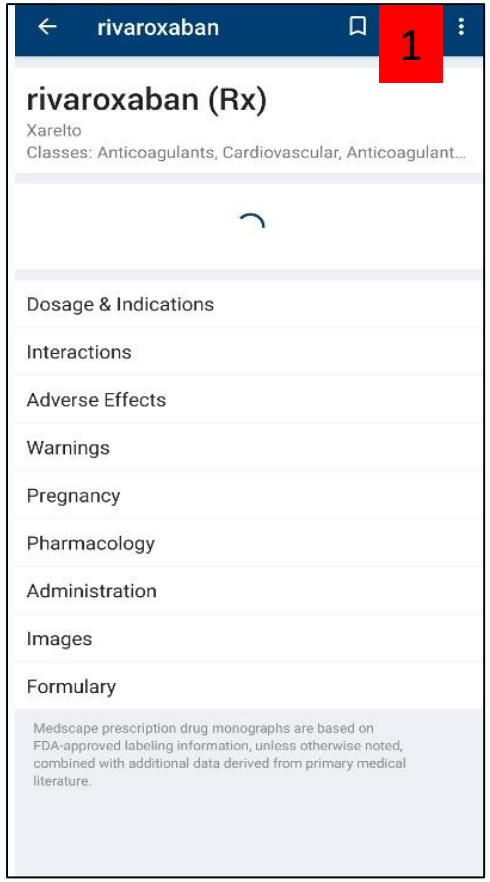


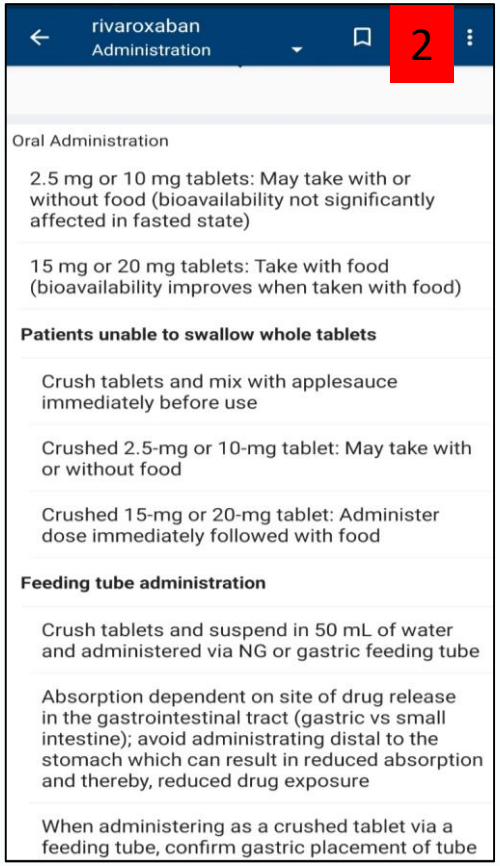
Compataibility of drug each other (Medscape)



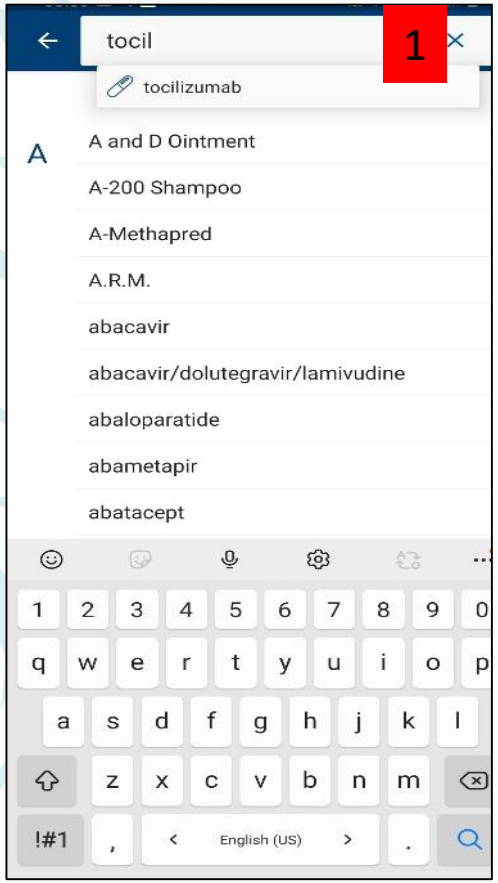


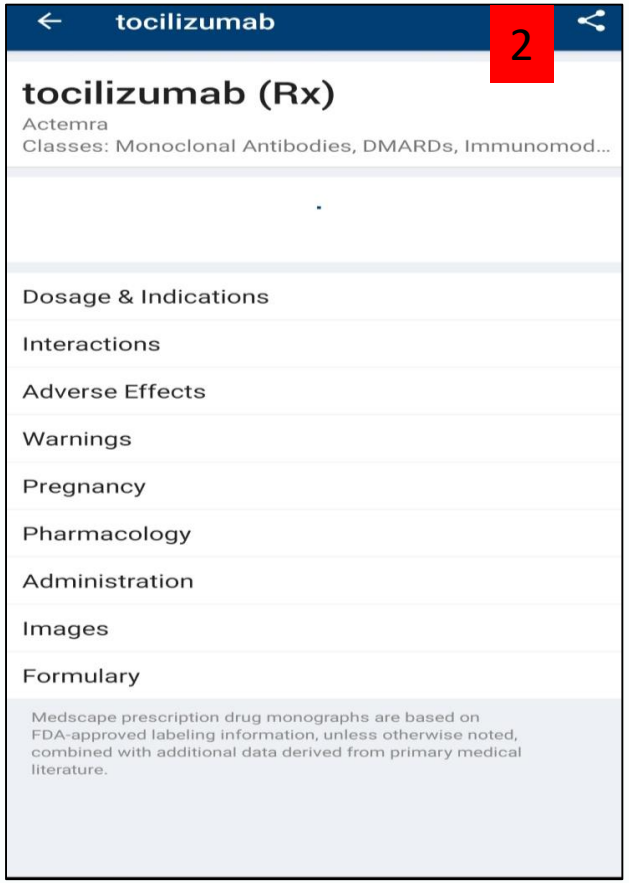
Time of take drugs (Medscape) Rivaroxaban

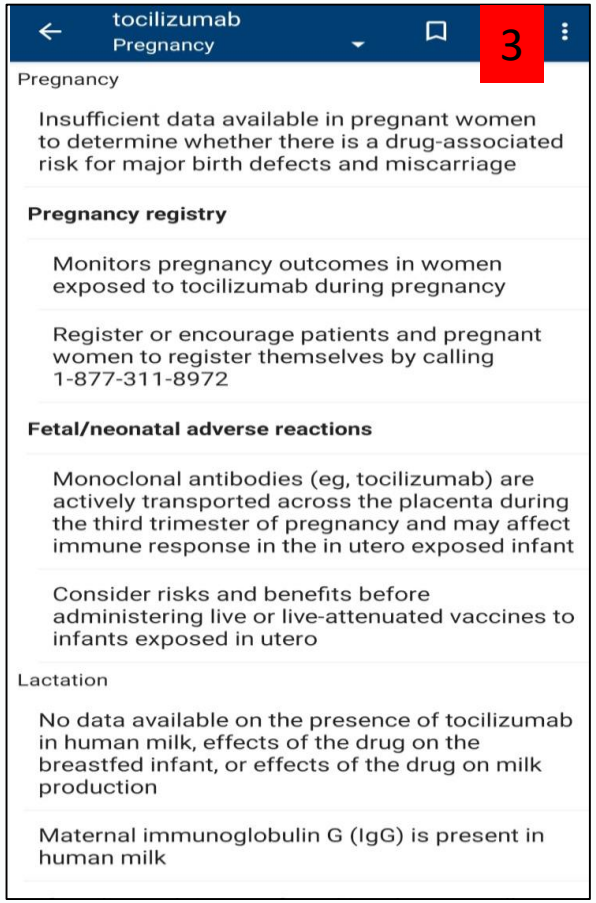


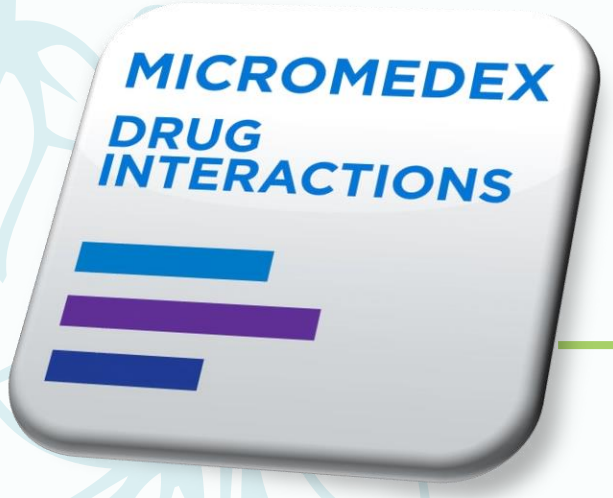


Teratogenicity / effects in pregnancy /Breastfeeding (Medscape)
Tocilizumab





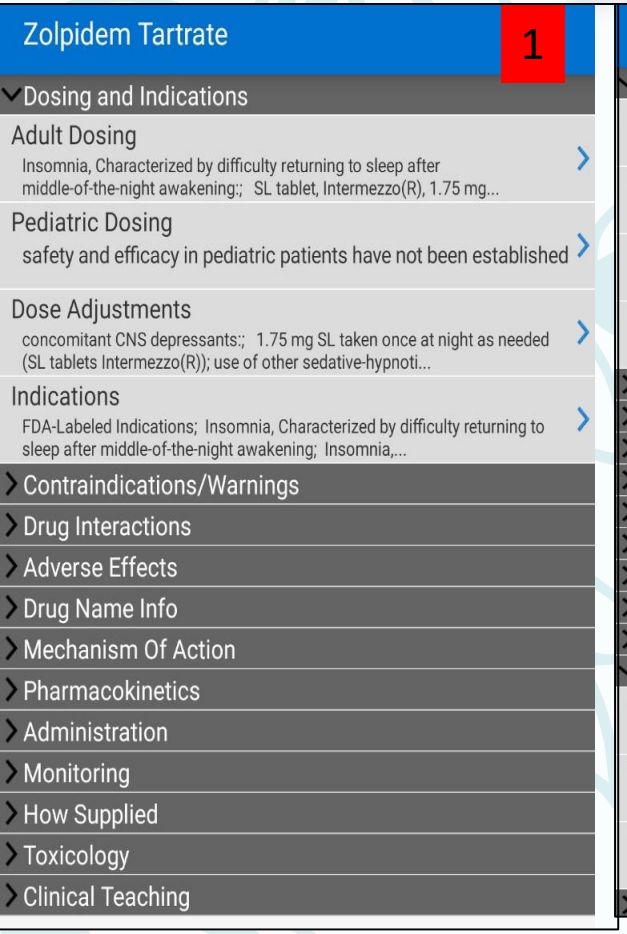


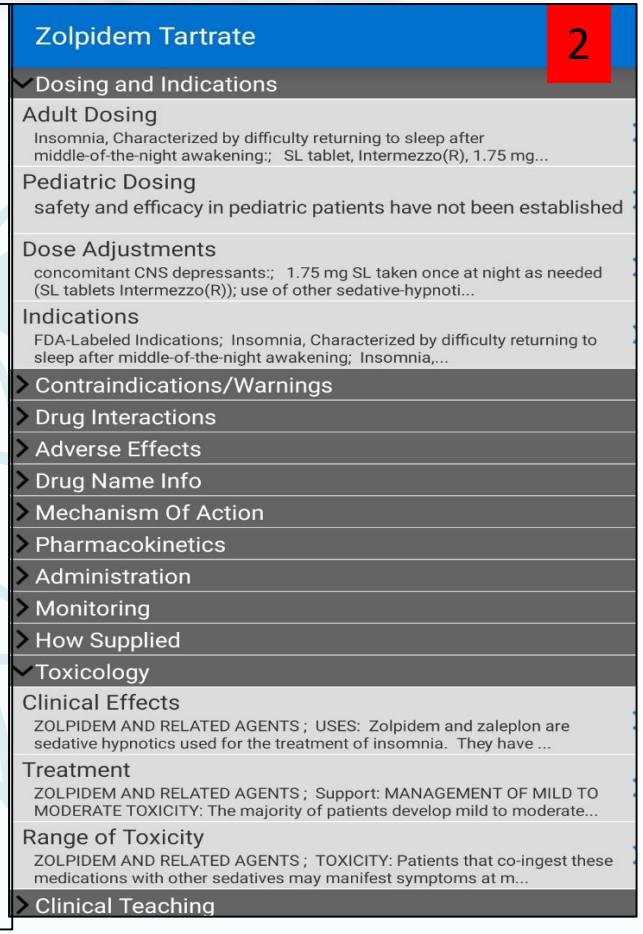


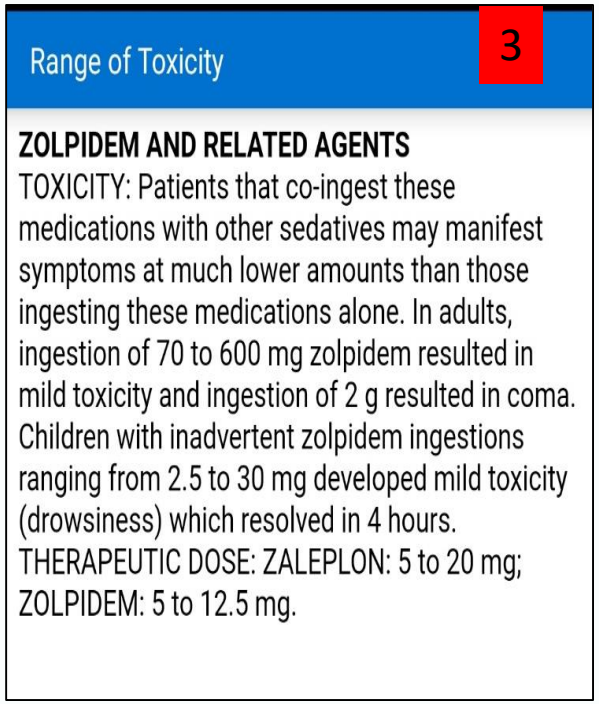
MICOMEDEX

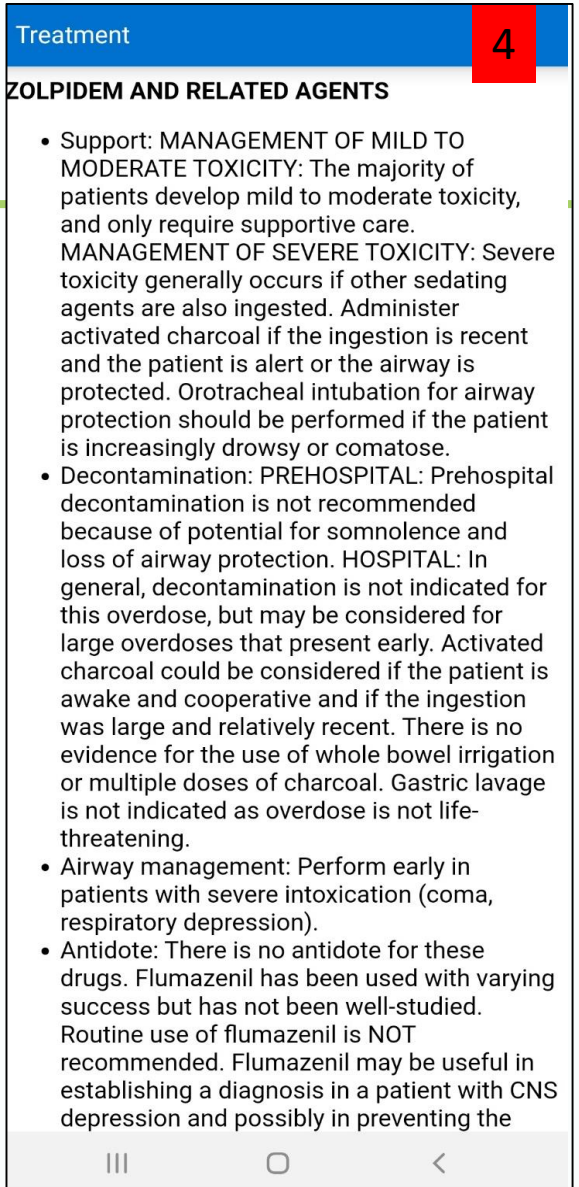
- در حال حاضر ۳۵۰۰ بیمارستان در آمریکا و نیز ۸۳ کشور ازسراسر دنیا از این نرم افزار استفاده میکنند.
- نویسندگان این مجموعه بیش از نود نفر هستند که شامل پزشکان، متخصصین داروسازی بالینی، پرستاران و کتابداران کتب پزشکی هستند. این افراد ۷۰۰۰ مجله را مورد جستجو قرار میدهند و سالانه بالغ بر ۵۰۰۰۰۰ مقاله توسط این افراد بازبینی شده و هر سه ماه بیش از ۱۰۰۰ منبع از پایگاه اطلاعاتی به این نرم افزار اضافه می شود.
- بسته اطلاعاتی میکرومدکس دارای شش مجموعه اطلاعاتی وسیع است که با وارد نمودن نام دارو در قسمت search، شش سرتیتر نمایش داده میشود. این تیترها شامل موارد ذیل هستند:
- **۱-Summary Documents**
- **۲- Drug Information**
- **۳- Disease Information**
- **۴- Toxicology Information**
- **۵- Complementary and Alternative Medicine**
- **۶-Reproductive Risk**

How to search about toxicity of drug (MIROMEDEX) zolpidem









How to search about toxicity of drug (MIROMEDEX) Acetaminophen

1

Acetaminophen

- Dosing and Indications
- Black Box Warning !
- Contraindications/Warnings
- Drug Interactions
- Adverse Effects
- Drug Name Info
- Mechanism Of Action
- Pharmacokinetics
- Administration
- Monitoring
- How Supplied
- Toxicology
- Clinical Teaching

2

Range of Toxicity

- **ACETAMINOPHEN-ACUTE**
  TOXICITY: ORAL: Ingestions of 200 mg/kg or 10 g, whichever is less, are considered potentially toxic. IV: A 10 fold overdose caused hepatotoxicity in a chronically malnourished child.. THERAPEUTIC DOSE: ADULT: Oral: 650 to 1000 mg every 4 hours up to 4 g/day. IV: (50 kg or greater): 650 to 1000 mg every 4 to 6 hours, up to 4 g/day; (less than 50 kg): 12.5 mg/kg to 15 mg/kg every 4 to 6 hours, up to 3750 mg/day (75 mg/kg/day). PEDIATRIC: Oral: 10 to 15 mg/kg every 4 hours up to 60 mg/kg/day. IV: 12.5 mg/kg to 15 mg/kg every 4 to 6 hours, up to 75 mg/kg/day.
- **ACETAMINOPHEN-REPEATED SUPRATHERAPEUTIC**
  TOXICITY: Hepatic injury following repeated supratherapeutic ingestions may occur at any dose above the daily recommended dose. A repeated supratherapeutic ingestion of acetaminophen occurs when the following doses are ingested: ADULTS: More than one ingestion during a period exceeding 8 hours, resulting in a cumulative dose of greater than 4 g per 24 hours. PEDIATRIC: Patients under 6 years of age: 200 mg/kg or more over a single 24-hour period, OR 150 mg/kg or more per 24-hour period for the preceding 48 hours OR 100 mg/kg or more per 24-hour period for the preceding 72 hours or longer. Patients older than 6 years of age: At least 10 g or 200 mg/kg, whichever is less, over a single 24 hour period OR at least 6 g or 150 mg/kg, whichever is less, per 24-hour period for the preceding 48 hours or longer. THERAPEUTIC DOSE: ADULT: Oral: 650 to 1000 mg every 4 hours up to 4 g/day. IV: (50 kg or greater):

3

Treatment

- **ACETAMINOPHEN-ACUTE**
  - Support: MANAGEMENT OF MILD TO MODERATE TOXICITY: ORAL: Obtain an acetaminophen concentration, 4 hours after ingestion or as soon as possible thereafter. If the time of ingestion is known and the acetaminophen concentration is measured between 4 and 20 hours postingestion, the patient can be risk stratified using the Rumack-Matthew Nomogram. If it is not possible to measure the serum acetaminophen concentration in a timely manner (results available within 2 hours), and the amount ingested is either 200 mg/kg or more, or 10 g or more, whichever is less, start treatment with acetylcysteine. Patients who have an acetaminophen above the possible toxicity line (the line starting at 150 mcg/mL at 4 hours) should be treated with acetylcysteine. Patients who present with a history suggestive of acetaminophen exposure and an unknown time of ingestion should be treated with acetylcysteine if they have a detectable serum acetaminophen concentration OR if they have elevated serum transaminases. There is some debate as to the effect of coingestion of medications that decrease gastrointestinal motility (anticholinergic and opioids) may have on the reliability of a 4-hour acetaminophen concentration for risk stratification. Some experts recommend obtaining a second acetaminophen concentration 8 hours postingestion and starting

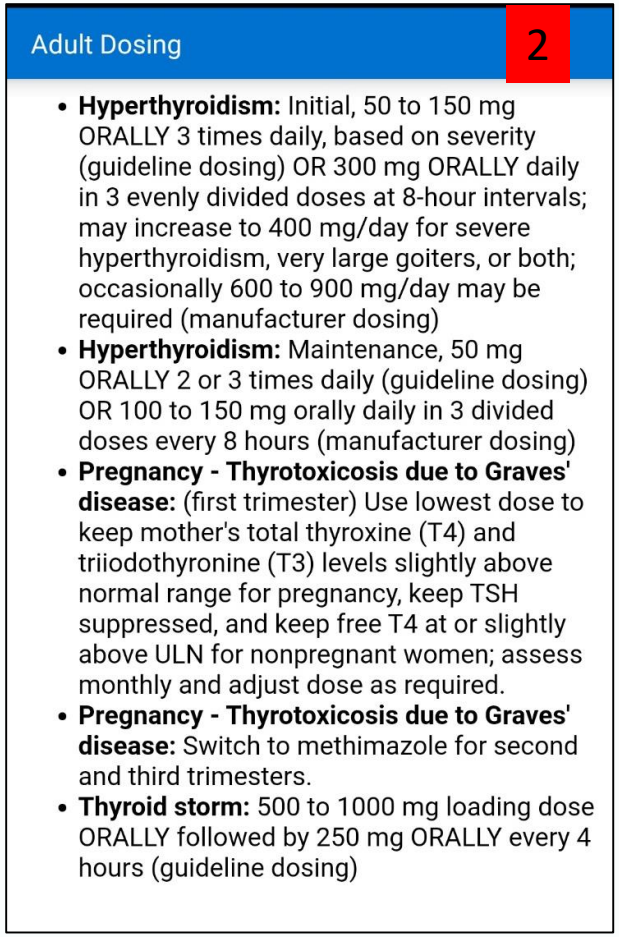
4

Treatment

MANAGEMENT OF SEVERE TOXICITY: ORAL: Patients who present late after an acute acetaminophen ingestion (greater than 36 hours) may have significant liver injury and even liver failure (INR greater than 1.5, acidosis or encephalopathy). Intubate patients with altered mental status and resuscitate hypotensive patients with crystalloid and adrenergic vasopressors. Treat coagulopathic patients who are bleeding with fresh frozen plasma. Patients with renal failure may require renal replacement therapy. Administer intravenous acetylcysteine to all patients with liver injury. Patients with hepatic encephalopathy, acidosis or significant coagulopathy (INR greater than 5) should be evaluated for liver transplantation. Patients who present early following a massive ingestion (serum acetaminophen concentration greater than 500 mcg/mL) may have coma, metabolic acidosis and hyperglycemia with normal serum transaminases. These patients generally recover with supportive care (airway management, fluid resuscitation) and early acetylcysteine therapy.

- Decontamination: PREHOSPITAL: Consider activated charcoal in the prehospital setting if the patient is awake and can protect their airway. HOSPITAL: Administer activated charcoal for all substantial, recent ingestions if the patient is awake and can protect their air
  data suggest that administration of

Indication of drugs (MICROMEDEX) Propylthouracil



How to search about Vitamins & Minerals

- Up to date
- ODS(office of Dietary Supplements)
- Webmed
- Medline plus
- Other databases & search Engines

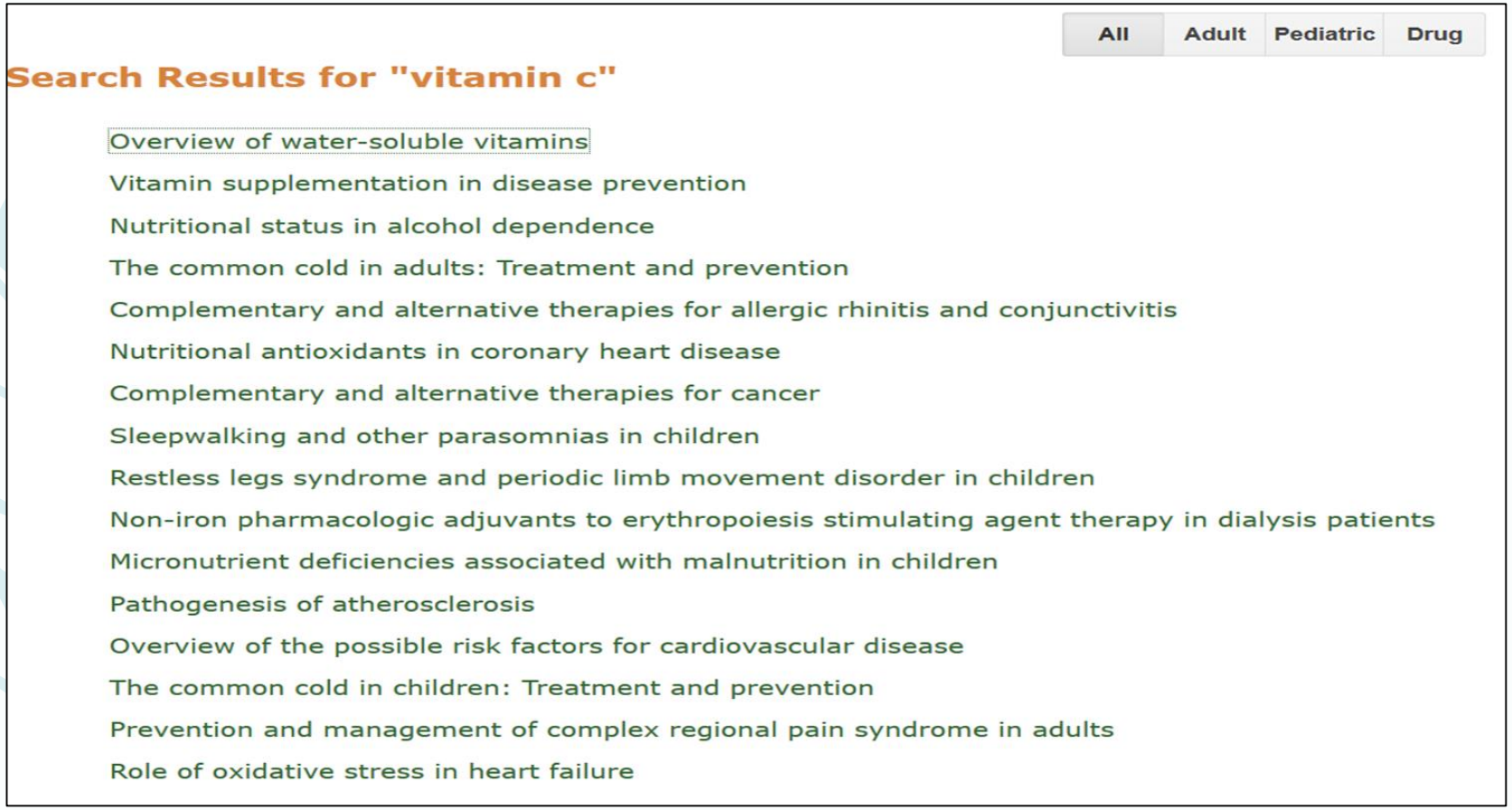
✓ Pubmed

✓ Scholar

✓ Scopus

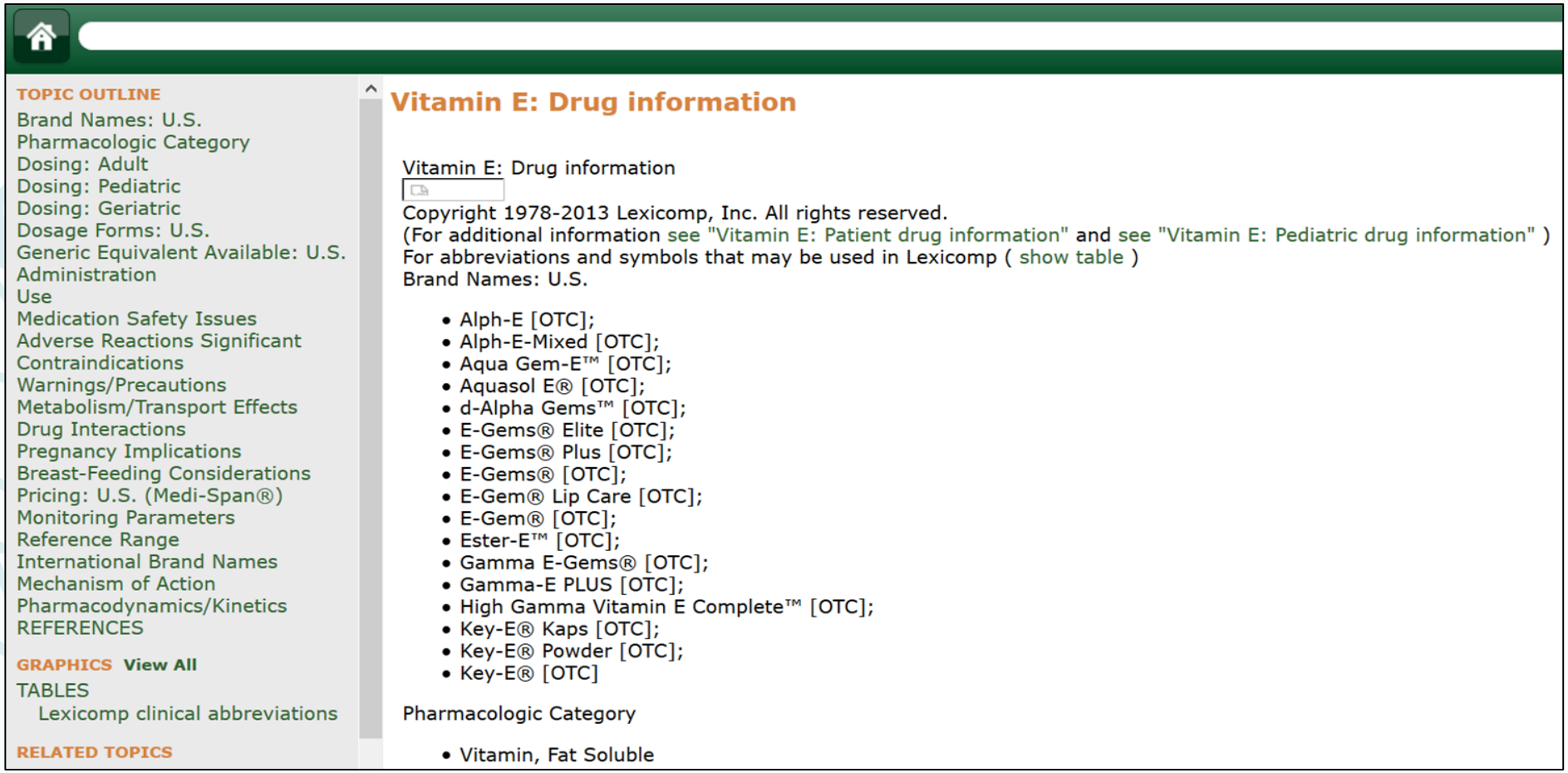
How to search about Vitamins & Minerals

- Up to date(in offline version)



How to search about Vitamins & Minerals

- Up to date(in offline version)



TOPIC OUTLINE

Brand Names: U.S.
Pharmacologic Category
Dosing: Adult
Dosing: Pediatric
Dosing: Geriatric
Dosage Forms: U.S.
Generic Equivalent Available: U.S.
Administration
Use
Medication Safety Issues
Adverse Reactions Significant
Contraindications
Warnings/Precautions
Metabolism/Transport Effects
Drug Interactions
Pregnancy Implications
Breast-Feeding Considerations
Pricing: U.S. (Medi-Span®)
Monitoring Parameters
Reference Range
International Brand Names
Mechanism of Action
Pharmacodynamics/Kinetics
REFERENCES

GRAPHICS View All
TABLES
Lexicomp clinical abbreviations

RELATED TOPICS

Vitamin E: Drug information

Vitamin E: Drug information

(For additional information see "Vitamin E: Patient drug information" and see "Vitamin E: Pediatric drug information")
For abbreviations and symbols that may be used in Lexicomp (show table)
Brand Names: U.S.

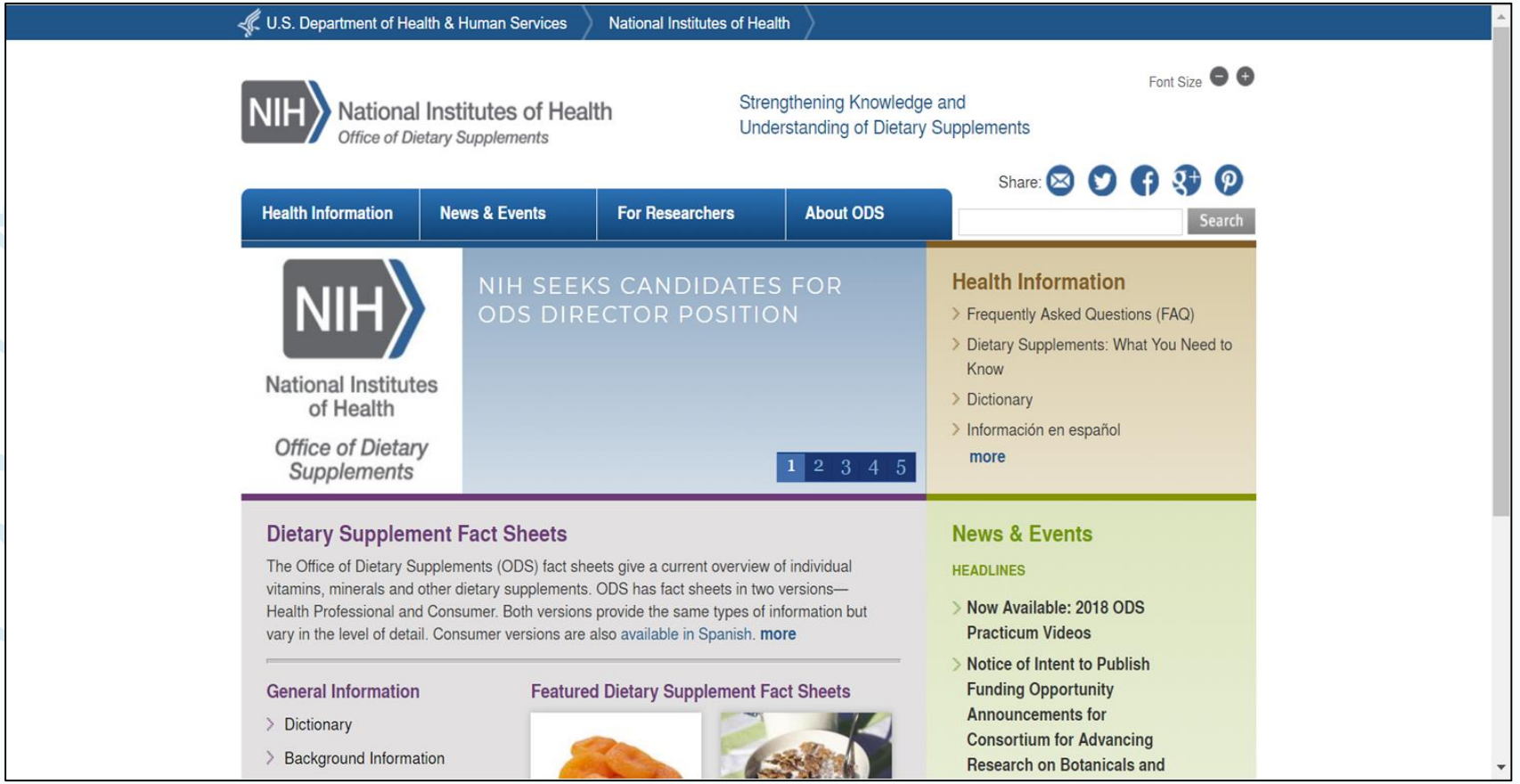
- Alph-E [OTC];
- Alph-E-Mixed [OTC];
- Aqua Gem-E™ [OTC];
- Aquasol E® [OTC];
- d-Alpha Gems™ [OTC];
- E-Gems® Elite [OTC];
- E-Gems® Plus [OTC];
- E-Gems® [OTC];
- E-Gem® Lip Care [OTC];
- E-Gem® [OTC];
- Ester-E™ [OTC];
- Gamma E-Gems® [OTC];
- Gamma-E PLUS [OTC];
- High Gamma Vitamin E Complete™ [OTC];
- Key-E® Kaps [OTC];
- Key-E® Powder [OTC];
- Key-E® [OTC]

Pharmacologic Category

- Vitamin, Fat Soluble

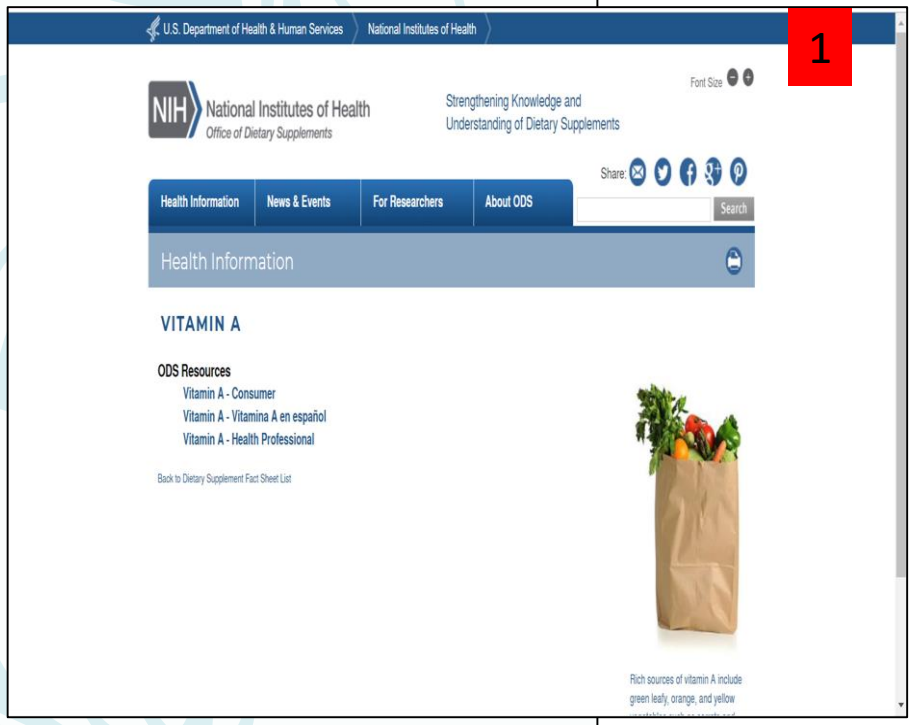
How to search about Vitamins & Minerals

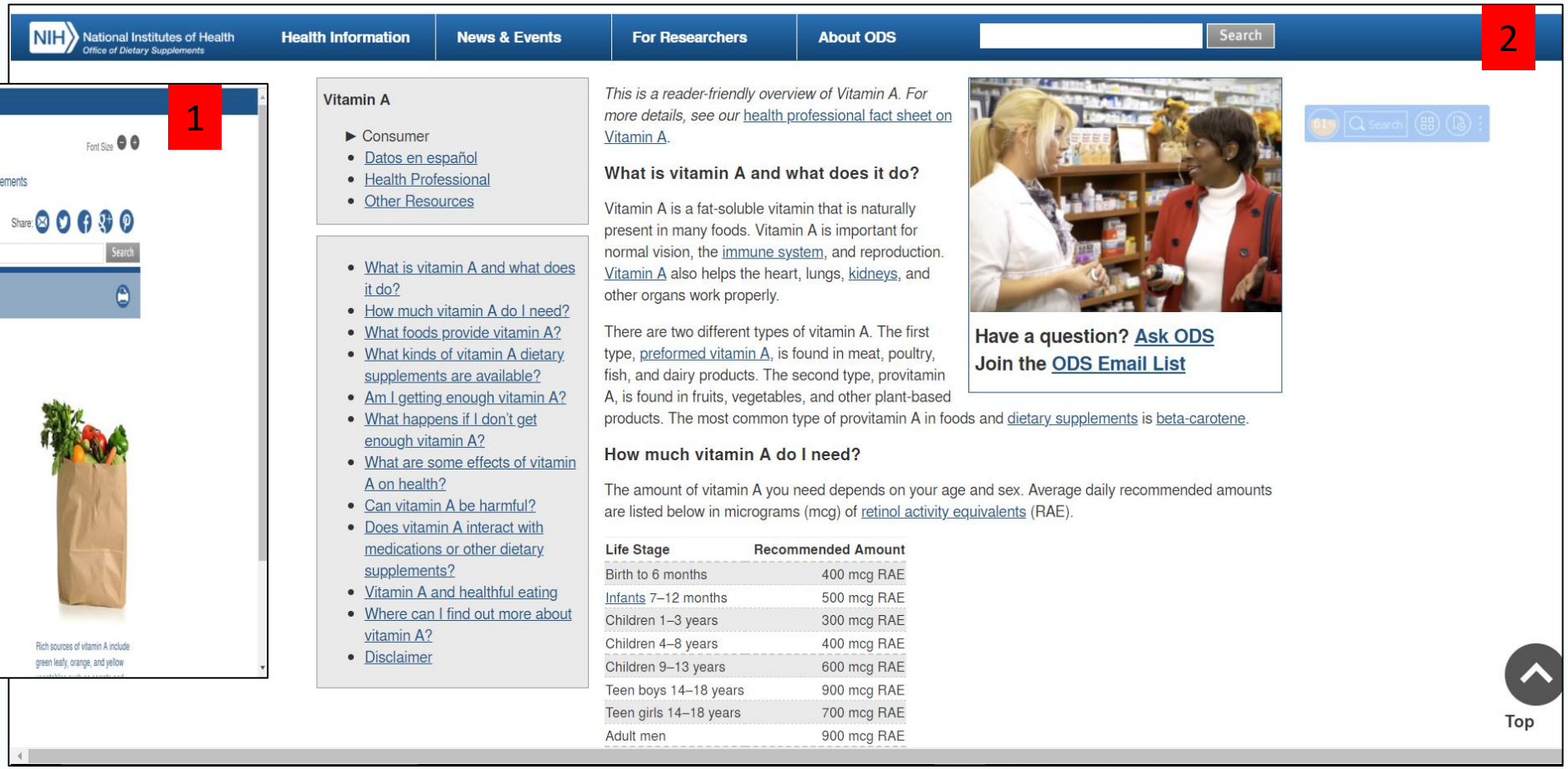
- ODS(office of Dietary Suppllements)



How to search about Vitamins & Minerals

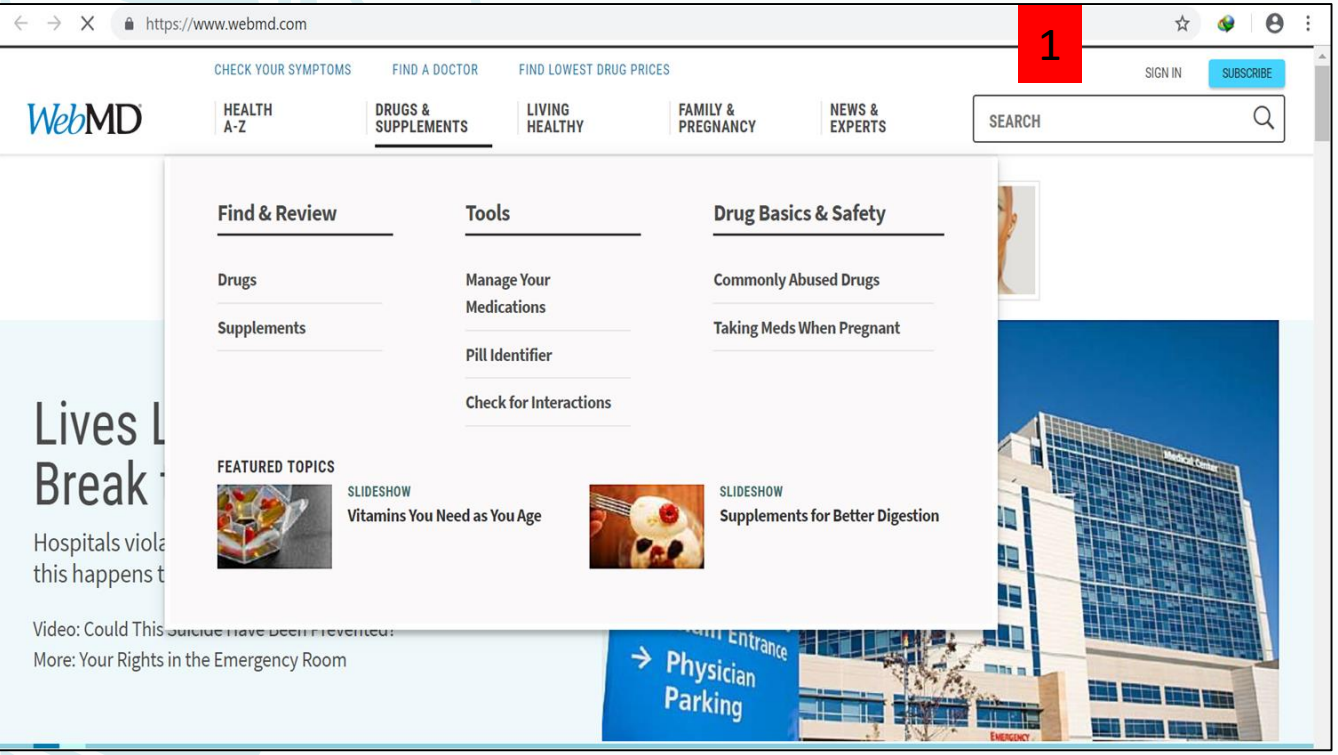
- **ODS(office of Dietary Suppllements)**

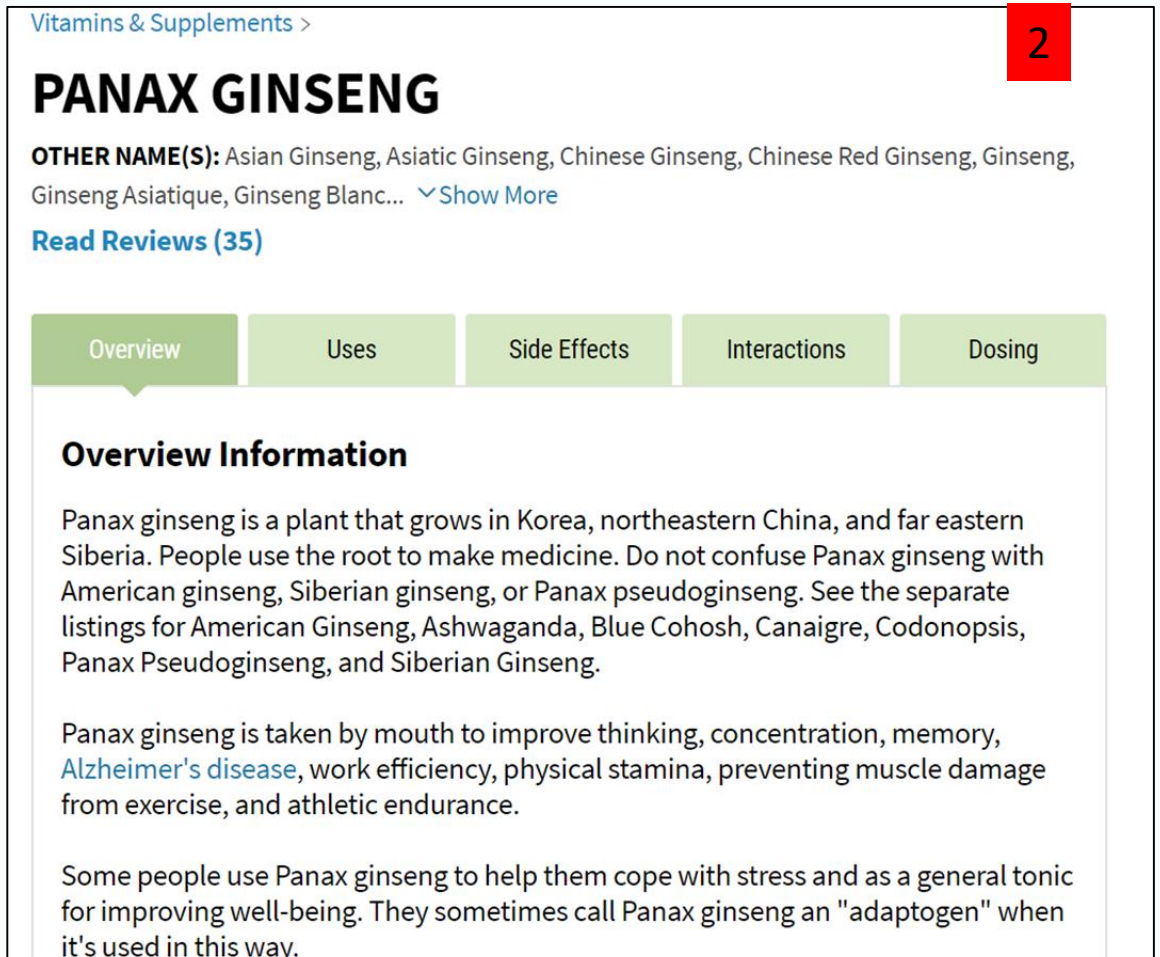




How to search about Vitamins & Minerals

❖ **Webmed** https://www.webmd.com






Any
questions


THANK YOU