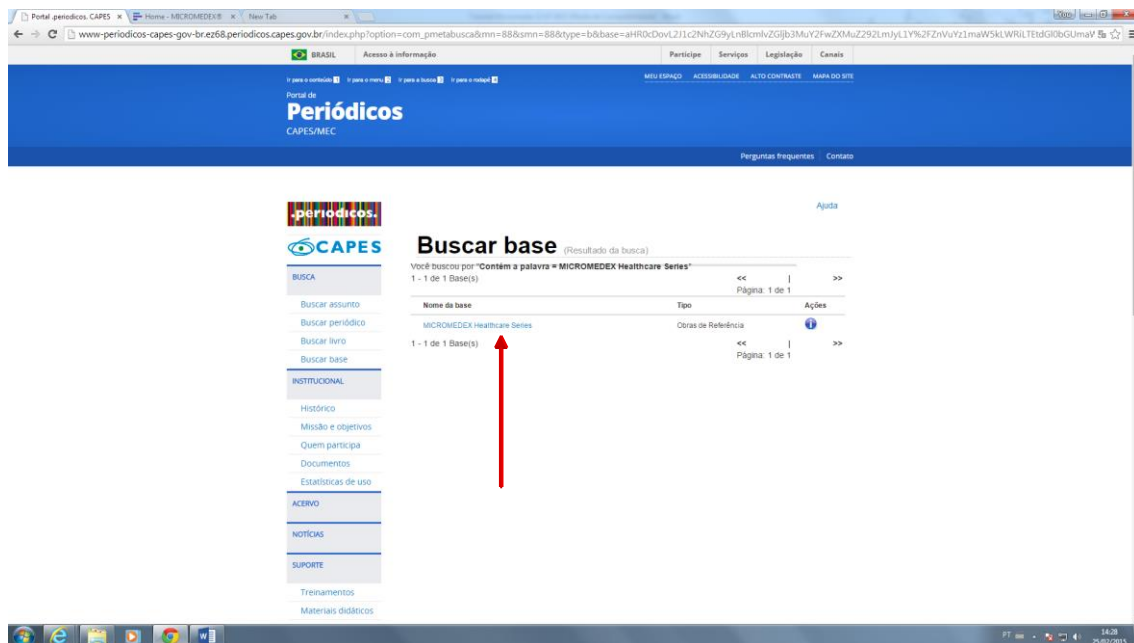


# BUSCA POR INFORMAÇÕES SOBRE MEDICAMENTOS NA BASE DE DADOS MICROMEDEX

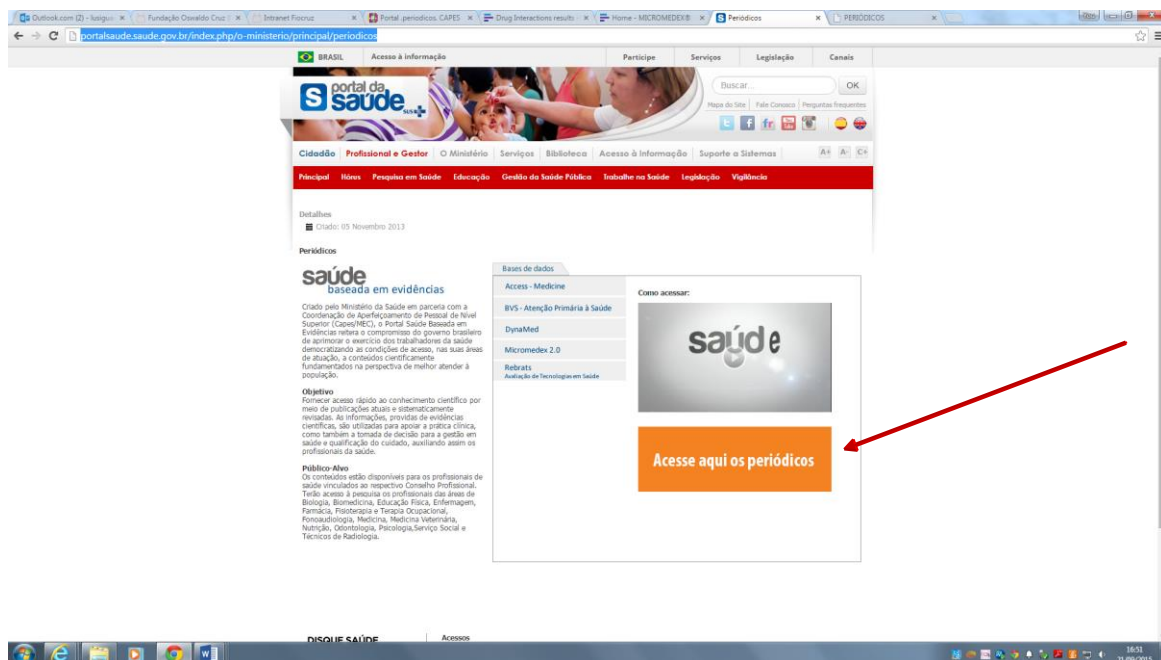
## I. ACESSO À BASE MICROMEDEX

1. A base de dados Micromedex pode ser acessada via Portal de Periódicos CAPES, inserindo o termo “Micromedex Healthcare Series” ou simplesmente “Micromedex” no campo “Buscar Base”.

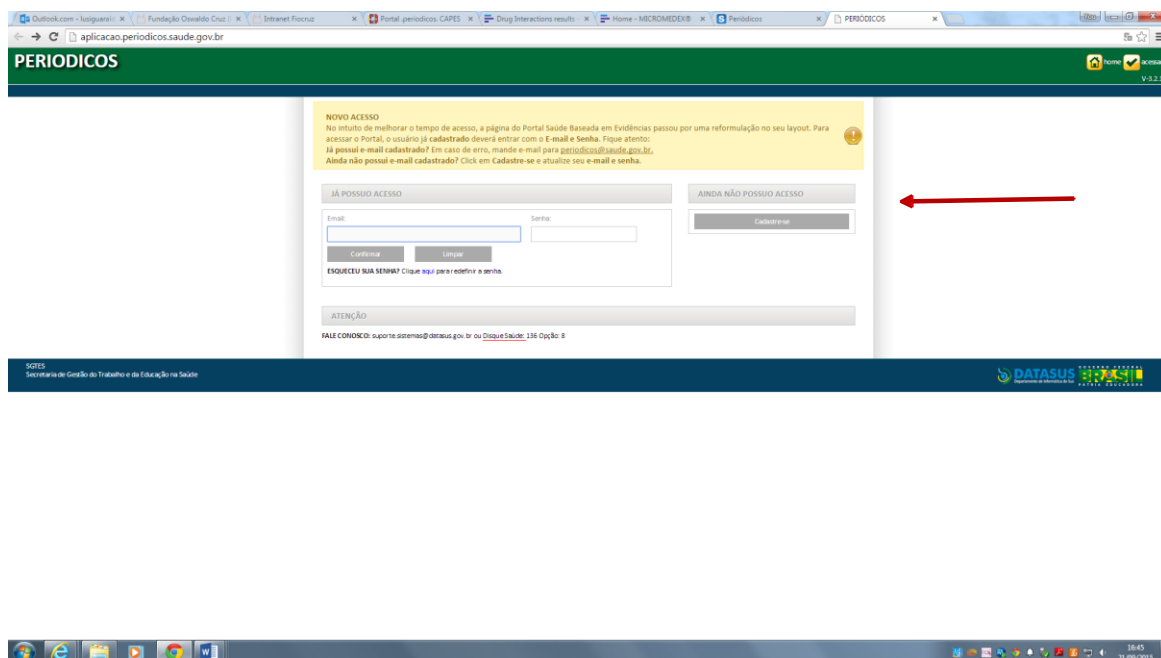


\* A Base só está disponível para instituições participantes e o acesso se dá por reconhecimento do ip do computador de origem. Assim, só é possível acessar a base a partir de computadores de instituições credenciadas.

2. A base pode também ser acessada pelo Portal Saúde Baseada em Evidências do Ministério da Saúde (<http://portalsaude.saude.gov.br/index.php/o-ministerio/principal/periodicos>).



É necessário efetuar o cadastro pessoal.



\* O acesso ao Micromedex pelo Portal Saúde Baseada em Evidências disponibiliza funcionalidades diferentes daquelas disponibilizadas via Portal de Periódicos Capes. Neste tutorial, o asterisco \* indica as funções oferecidas somente via Portal de Periódicos Capes.

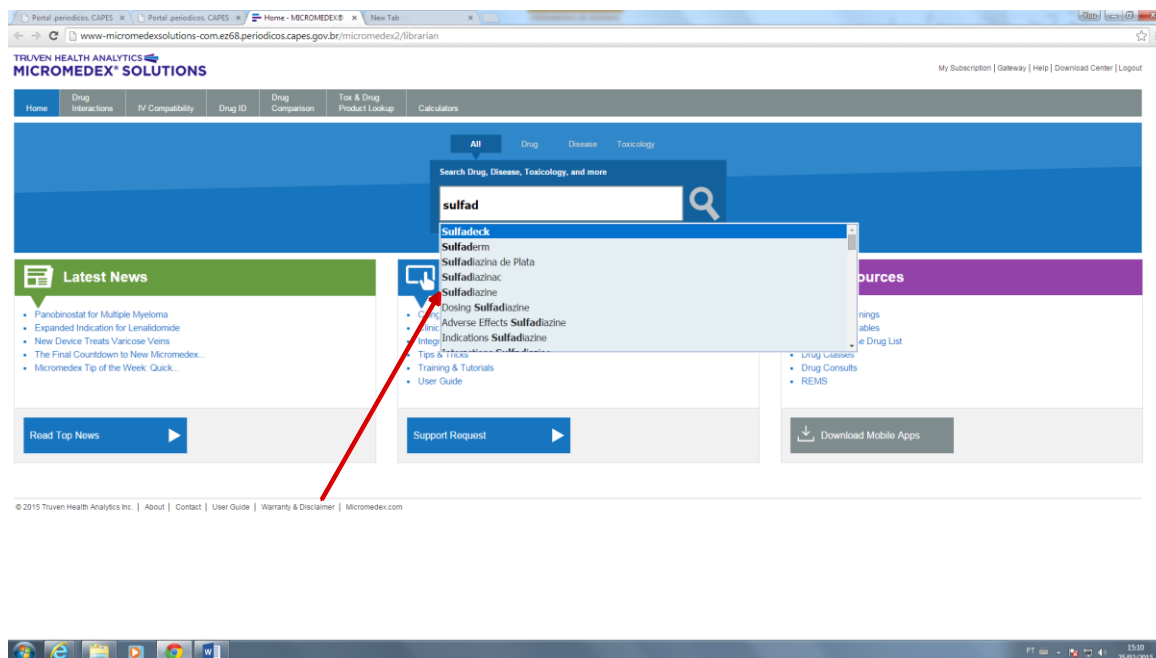
## II. BUSCA DE INFORMAÇÕES NO MICROMEDEX

É possível obter informações **Gerais** sobre medicamentos (doses, indicações, farmacocinética, precauções) e **Específicas** como interações medicamentosas.

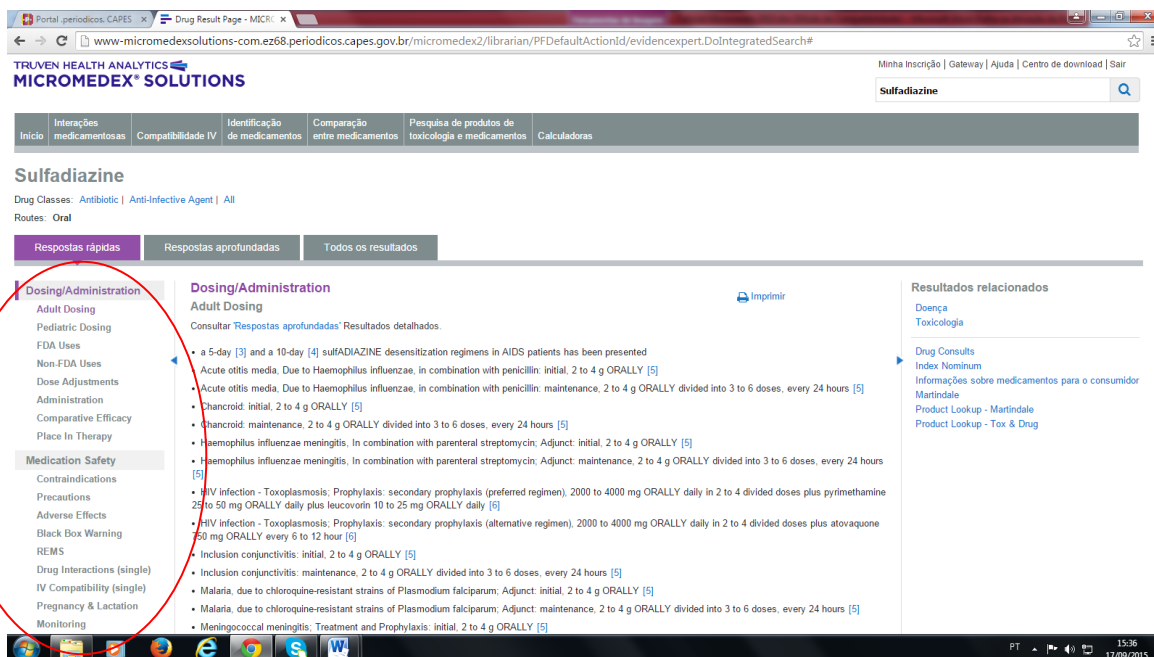
### 1. Informações Gerais

A página principal oferece uma caixa de buscas por palavra chave.

Quando se digita as primeiras letras da palavra chave (nome genérico ou comercial do medicamento, em inglês) a base oferece sugestões de palavras-chave para a busca.



O resultado da busca dá acesso a página contendo vários links.



Clicar no link de interesse. Um resumo sobre o tópico será disponibilizado.

Portal .periodicos.CAPES x Drug Result Page - MICR...  
 www-micromedexsolutions-com.ez68.periodicos.capes.gov.br/micromedex2/librarian/PFDefaultActionId/evidencexpert.DoIntegratedSearch#

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Minha Inscrição | Gateway | Ajuda | Centro de download | Sair  
 Sulfadiazine

Início | Interações medicamentosas | Compatibilidade IV | Identificação de medicamentos | Comparação entre medicamentos | Pesquisa de produtos de toxicologia e medicamentos | Calculadoras

**Sulfadiazine**  
 Drug Classes: Antibiotic | Anti-Infective Agent | All  
 Routes: Oral

Respostas rápidas | Respostas aprofundadas | Todos os resultados

Dosing/Administration  
 Adult Dosing  
 Pediatric Dosing  
 FDA Uses  
 Non-FDA Uses  
 Dose Adjustments  
 Administration  
 Comparative Efficacy  
 Place In Therapy

**Medication Safety**  
 Contraindications  
 Precautions  
 Adverse Effects  
 Black Box Warning  
 REMS  
 Drug Interactions (single)  
 IV Compatibility (single)  
 Pregnancy & Lactation  
 Monitoring

**Medication Safety**  
 Adverse Effects  
 Consultar 'Respostas aprofundadas' Resultados detalhados.

Common

- **Dermatologic:** Rash
- **Gastrointestinal:** Abdominal pain, Diarrhea, Nausea, Vomiting

Serious

- **Dermatologic:** Stevens-Johnson syndrome, Toxic epidermal necrolysis
- **Hematologic:** Agranulocytosis, Aplastic anemia, Hemolytic anemia, Leukopenia, Thrombocytopenia
- **Immunologic:** Hypersensitivity reaction, Test-Allergic Shock
- **Renal:** Crystalluria

Impedir

Resultados relacionados  
 Doença  
 Toxicologia

Drug Consults  
 Index Nominum  
 Informações sobre medicamentos para o consumidor  
 Martindale  
 Product Lookup - Martindale  
 Product Lookup - Tox & Drug

15:38 17/09/2015

Para ter acesso a informações mais detalhadas sobre o tópico escolhido, acessar o link “Consultar respostas aprofundadas. Resultados detalhados” \* (somente pelo acesso via Portal periódicos CAPES)

Este link traz informações referenciadas e detalhadas sobre doses preconizadas, indicações terapêuticas, contraindicações, reações adversas, eficácia comparativa, informações regulatórias.

Portal .periodicos.CAPES x Drug Result Page - MICR...  
 www-micromedexsolutions-com.ez68.periodicos.capes.gov.br/micromedex2/librarian/PFDefaultActionId/evidencexpert.DoIntegratedSearch#

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 Place In Therapy

**Medication Safety**  
 Contraindications  
 Precautions  
 Adverse Effects  
 Black Box Warning  
 REMS  
 Drug Interactions (single)  
 IV Compatibility (single)  
 Pregnancy & Lactation  
 Monitoring

**Medication Safety**  
 Adverse Effects  
 Consultar 'Respostas rápidas' resultados no documento.

Exibir o documento completo  
 Impedir

Resultados relacionados  
 Doença  
 Toxicologia

Drug Consults  
 Index Nominum  
 Informações sobre medicamentos para o consumidor  
 Martindale  
 Product Lookup - Martindale  
 Product Lookup - Tox & Drug

Cardiovascular Effects  
 Myocarditis, allergic  
 1) Allergic myocarditis has been reported with the use of oral sulfADIAZINE [2].

Dermatologic Effects  
 Photosensitivity  
 Pruritus  
 Rash  
 Stevens-Johnson syndrome  
 Toxic epidermal necrolysis  
 Urticaria

15:38 17/09/2015

É possível obter informações de outras fontes.

Na primeira página de resultado da busca, em **Resultados relacionados** aparecem links para o **Martindale** (Farmacopeia Britânica) que fornece a monografia completa do fármaco; **Index Nominum** (nomes comerciais, genéricos, sinônimos, classe terapêutica, estrutura química) além de **Informações ao Consumidor** \*(somente pelo acesso via Portal periódicos CAPES)

The screenshot shows the Micromedex website interface. The search term 'Sulfadiazine' is entered in the search bar. The main content area displays 'Dosing/Administration' information for Sulfadiazine, including adult dosing regimens for various conditions like acute otitis media and meningitis. On the right side, the 'Resultados relacionados' (Related Results) section is circled in red, containing several links: 'Doença Toxicologia', 'Drug Consults', 'Index Nominum', 'Informações sobre medicamentos para o consumidor', 'Martindale', 'Product Lookup - Martindale', and 'Product Lookup - Tox & Drug'. The website header includes 'TRUVEN HEALTH ANALYTICS MICROMEDEX SOLUTIONS' and navigation links like 'Minha Inscrição', 'Gateway', 'Ajuda', 'Centro de download', and 'Sair'. The browser address bar shows the URL: 'www.micromedexsolutions-com.ez68.periodicos.capes.gov.br/micromedex2/librarian/PFDefaultActionId/evidencexpert.DoIntegratedSearch#'. The system tray at the bottom indicates the date and time as 15:36 on 17/09/2015.

## 2. Informações sobre Interações Medicamentosas\* (somente pelo acesso via Portal periódicos CAPES)

A partir da barra de ferramentas presente na página inicial pode-se ter acesso ao **Drug Reax**: ferramenta para identificação de interações medicamentosas (medicamento-medicamento, medicamento-alimento, medicamento-doença, medicamento-álcool, e medicamento-laboratório), abrangendo reações alérgicas conhecidas. Inclui contra-indicações e alertas no uso durante a gravidez e amamentação.

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Home Drug Interactions IV Compatibility Drug ID Drug Comparison Tox & Drug Product Lookup Calculators

All Drug Disease Toxicology

Search Drug, Disease, Toxicology, and more

Search Micromedex

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Support Request

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- Comparative Tables
- Do Not Confuse Drug List
- Drug Classes
- Drug Consults
- REMS

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É possível pesquisar as possíveis interações descritas entre vários medicamentos prescritos simultaneamente (prescrição completa).

A busca de interações entre vários medicamentos é feita adicionando-se um a um à caixa da direita (“Drugs to check”)

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Home Drug Interactions IV Compatibility Drug ID Drug Comparison Tox & Drug Product Lookup Calculators

Search Micromedex

**Drug Interactions**

Type the drug name (brand or generic) in the search field. Select the drug and click the (Add) button.

Enter search term:  
phenyt

Matching drug names: (11)

- Phenylin
- Phenylin
- Phenylin (Phenylin Sodium, Extended)
- Phenylin Sodium
- Phenylin Sodium (Phenylin Sodium, EX...
- Phenylin Sodium (Phenylin Sodium, Pr...
- Phenylin Sodium Extended
- Phenylin Sodium Prompt
- Phenylin Sodium, Extended
- Phenylin Sodium, Prompt

Drugs to check:

- Lamivudine/Zidovudine
- Lopinavir/Ritonavir

Add Allergies

Capitalized item with asterisk (\*) indicates allergy.

Clear Submit

Drugs to check

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A busca dá detalhes sobre as interações já descritas em literatura tais como gravidade, mecanismo de ação e documentação.

The screenshot shows the Micromedex website interface. At the top, there's a navigation bar with 'Home', 'Drug Interactions', 'IV Compatibility', 'Drug ID', 'Drug Comparison', 'Tox & Drug Product Lookup', and 'Calculators'. A search bar is prominently displayed. Below the search bar, the page title is 'Drug Interaction Results'. There are filters for 'Refine by: Drugs: All', 'Severity: All', 'Documentation: All', and 'Type: All'. A 'Jump To:' section lists categories like DRUG-DRUG (4), ALLERGY (0), FOOD (2), ETHANOL (1), LAB (4), TOBACCO (0), PREGNANCY (4), and LACTATION (4). The main content area is titled 'Drug-Drug Interactions (4)' and lists four interactions:

| Drugs   | Severity          | Documentation | Summary   |
|---|-------------------|---------------|---|
| LOPINAVIR/ RITONAVIR – PHENYTOIN              | ⊘ Contraindicated | Fair          | Concurrent use of PHENYTOIN and RITONAVIR may result in decreased phenytoin (the active metabolite of fosphenytoin) plasma concentrations, decreased ritonavir plasma concentrations. |
| LOPINAVIR/ RITONAVIR – PHENYTOIN              | ⊘ Major           | Good          | Concurrent use of LOPINAVIR/ RITONAVIR and PHENYTOIN may result in decreased lopinavir exposure.  |
| LAMIVUDINE/ ZIDOVUDINE – LOPINAVIR/ RITONAVIR | ⊘ Minor           | Good          | Concurrent use of RITONAVIR and ZIDOVUDINE may result in reduced zidovudine bioavailability.  |
| LAMIVUDINE/ ZIDOVUDINE – PHENYTOIN            | ⊘ Minor           | Good          | Concurrent use of PHENYTOIN and ZIDOVUDINE may result in increased zidovudine concentrations.   |

Below this, there are sections for 'Ingredient Duplication (None found)', 'Drug-ALLERGY Interactions (None found)', 'Drug-FOOD Interactions (2)', and 'Drug-ETHANOL Interactions (1)'. The 'Drug-FOOD Interactions (2)' section shows:

| Drugs     | Severity   | Documentation | Summary  |
|-----------|------------|---------------|--|
| PHENYTOIN | ⚠ Moderate | Good          | Concurrent use of PHENYTOIN and ENTERAL NUTRITION may result in decreased serum phenytoin levels and subsequently reduced therapeutic response to phenytoin. |
| PHENYTOIN | ⊘ Minor    | Good          | Concurrent use of PHENYTOIN and FOOD may result in altered phenytoin concentrations.   |

Clicando-se sobre a interação medicamentosa de interesse, abre-se nova janela com informações mais detalhadas, manejo clínico e bibliografia.

This screenshot shows the same Micromedex interface as the previous one, but with an 'INTERACTION DETAIL' pop-up window open over the 'LOPINAVIR/ RITONAVIR – PHENYTOIN' interaction. The pop-up window contains the following information:

**Warning:**  
Concurrent use of PHENYTOIN and RITONAVIR may result in decreased phenytoin (the active metabolite of fosphenytoin) plasma concentrations, decreased ritonavir plasma concentrations.

**Clinical Management:**  
Phenytoin (a strong CYP3A4 inducer) is contraindicated when used in combination with ritonavir (a CYP3A4 substrate) as part of Viekira pak(TM), as ombitasvir, paritaprevir, ritonavir and dasabuvir exposures may decrease leading to a potential loss of therapeutic activity of Viekira pak(TM) (Prod Info VIEKIRA PAK oral tablets, 2014). In other situations, use caution with the concomitant use of phenytoin and ritonavir, as both phenytoin (Prod Info CEREBYX® intravenous injection, 2011; Prod Info NORVIR® oral capsules, oral solution, 2011) and ritonavir plasma concentrations may be decreased (Prod Info CEREBYX® intravenous injection, 2011). It is recommended to monitor phenytoin levels (if available) during coadministration, and a phenytoin or fosphenytoin dose adjustment may be warranted (Prod Info NORVIR® oral capsules, oral solution, 2011).

**Onset:**  
Not Specified

**Severity:**  
⊘ Contraindicated

At the bottom of the pop-up window, there are 'PRINT' and 'CLOSE' buttons.



Além das interações medicamento-medicamento, a base fornece informação sobre:

- interações medicamento-alimento;
- medicamento- etanol;
- medicamento- tabaco;
- medicamento- exames laboratoriais;
- medicamento-gravidez;
- medicamento-lactação.

Drug-FOOD Interactions (2)

| Drugs:    | Severity: | Documentation: | Summary:   |
|-----------|-----------|----------------|--|
| PHENYTOIN | Moderate  | Good           | Concurrent use of PHENYTOIN and ENTERAL NUTRITION may result in decreased serum phenytoin levels and subsequently reduced therapeutic response to phenytoin. |
| PHENYTOIN | Minor     | Good           | Concurrent use of PHENYTOIN and FOOD may result in altered phenytoin concentrations.   |

Drug-ETHANOL Interactions (1)

| Drugs:    | Severity: | Documentation: | Summary:  |
|-----------|-----------|----------------|---|
| PHENYTOIN | Moderate  | Good           | Concurrent use of PHENYTOIN and ETHANOL may result in decreased phenytoin serum concentrations, increased seizure potential, and additive CNS depressant effects. |

Drug-LAB Interactions (4)

| Drugs:    | Severity: | Documentation: | Summary:   |
|-----------|-----------|----------------|--|
| PHENYTOIN | Minor     | Good           | PHENYTOIN may result in false-positive for barbiturates on urine drug screen due to assay interference.                    |
| PHENYTOIN | Minor     | Good           | PHENYTOIN may result in lower than normal metyrapone test results due to mechanism unknown.                                |
| PHENYTOIN | Minor     | Fair           | PHENYTOIN may result in lower than normal dexamethasone suppression test results due to mechanism unknown.                 |
| PHENYTOIN | Minor     | Good           | PHENYTOIN may result in false decreases in the serum T4 concentration due to displacement of T4 and T3 from binding sites. |

Drug-PREGNANCY Interactions (4)

| Drugs:                 | Severity: | Documentation: | Summary:   |
|------------------------|-----------|----------------|--|
| PHENYTOIN              | Major     | Unknown        | Phenytoin is rated as US FDA Category D. Studies, adequate well-controlled or observational, in pregnant women have demonstrated a risk to the fetus. However, the benefits of therapy may outweigh the potential risk.  |
| LAMIVUDINE/ ZIDOVUDINE | Moderate  | Unknown        | Lamivudine is rated as US FDA Category C. Animal studies have shown an adverse effect and there are no adequate and well-controlled studies in pregnant women. (OR) No animal studies have been conducted and there are no adequate and well-controlled studies in pregnant women. |
| LAMIVUDINE/ ZIDOVUDINE | Moderate  | Unknown        | Zidovudine is rated as US FDA Category C. Animal studies have shown an adverse effect and there are no adequate and well-controlled studies in pregnant women. (OR) No animal studies have been conducted and there are no adequate and well-controlled studies in pregnant women. |

**INTERACTION DETAIL**

**Warning:**  
Concurrent use of PHENYTOIN and ENTERAL NUTRITION may result in decreased serum phenytoin levels and subsequently reduced therapeutic response to phenytoin.

**Clinical Management:**  
If the patient can receive intermittent feedings, it is crucial that phenytoin doses be administered at least two hours following a feeding and that the next feeding be delayed until at least two hours after the phenytoin dose is administered. Patients who must receive continuous enteral feedings should probably receive phenytoin intravenously. Any patients receiving phenytoin orally through a feeding tube should have the suspension diluted prior to administration and the tubing flushed following administration. Serum phenytoin levels should be monitored and the dosage should be adjusted to achieve therapeutic concentrations.

**Onset:**  
Rapid

**Severity:**  
Moderate

PRINT CLOSE X

Obs.: Além da consulta, é possível salvar as informações desejadas em formato pdf ou imprimir utilizando a ferramenta **Print**.