# THERAPY MANAGEMENT GUIDE



# FOLLOW UP

MONITOR patients for optimal treatment

MANAGE adverse reactions with dose modifications

**INDICATION** BRAFTOVI (encorafenib) in combination with MEKTOVI (binimetinib) is indicated for the treatment of adult patients with unresectable or metastatic melanoma with a  $BRAF^{\lor 600}$  mutation.

This material was developed in compliance with the EFPIA code and EU SmPCs. Registration conditions and prescribing information may vary per country. Therefore, before prescribing any product, Health Care Providers must refer to their country's prescribing information.





A therapy management guide to support your patients receiving





SAFETY PROFILE OF THE COMBINATION



RECOMMENDED DOSE ADJUSTMENTS





MANAGING ADVERSE REACTION THROUGH DOSE MODIFICATION





















# RECOMMENDATIONS ON MONITORING PATIENTS DURING TREATMENT<sup>1,2</sup>

# Monitoring at treatment initiation\* and during treatment helps ensure optimal adverse reaction management and treatment.

_			DURING TREATMENT	AFTER TREATMENT
		Liver laboratory values	Should be monitored at least monthly during the first	
	Blood tests	CK and creatinine levels	6 months of treatment and then as clinically indicated	
		Serum electrolytes abnormalities (including magnesium and potassium)	Should be corrected during treatment	
A-000		Blood pressure measurements	Should be monitored with control of hypertension by standard therapy as clinically appropriate	
B	Cardiac monitoring	Echocardiogram/MUGA scan (LVEF)	1 month after initiation and approximately every	
		ECG (QT prolongation)	3 months thereafter or more frequently if clinically indicated	
<b>(</b>	Ophthalmologic evaluation		Assess at each visit and refer for ophthalmologic exam if new or worsening symptoms are found	
	Cutaneous Malignancies assessments	Dermatologic evaluation	Every 2 months  For up to 6 ment disc	
Print	Noncutaneous malignancy assessments	Head and neck examination		
		Chest/abdomen CT scan	As clinically appropriate	As clinically appropriate
		Anal and pelvic examinations (for women)	As clinically appropriate	As clinically appropriate
_		Complete blood cell counts		

#### Specific monitoring might apply if clinically indicated

\*For more information about monitoring at treatment initiation please refer to the SmPCs or the start therapy management guide.

CK, creatine kinase; CT, computerised tomography; ECG, electrocardiogram; MUGA, multiple-gated acquisition; LVEF, Left Ventricular Ejection Fraction; QT interval corrected.

For Prior treatment:

Please refer to the start therapy management guide







# SAFETY PROFILE OF THE COMBINATION<sup>1,2</sup>

ery common	Common	Uncommon	Very con	mmon Common	Unc
	Eye disorders			Skin and subcutaneous diso	rders
Visual impairment <sup>a</sup> RPED <sup>a</sup>	Uveitis <sup>a</sup>	$\times$	Hyperker Rasl Dry sk	n <sup>a</sup> PPES	а
	Cardiac disorders		Pruriti	us <sup>a</sup> Panniculitis <sup>a</sup>	
$\times$	LVD⁵	$\times$	- Neop	olasms benign, malignant, & ເ	ınspecifie
R	enal and urinary disord	lers		Basal cell carcinoma	a <sup>a</sup>
×	Renal failure <sup>a</sup>	×		Skin papilloma <sup>a</sup> cuSCC <sup>c</sup>	/
	Vascular disorders		В	lood and lymphatic system di	sorders
Haemorrhage <sup>d</sup> Hypertensionª	VTE°	$\times$	Anaer	mia	

The management of ARs may require dose reduction, temporary interruption, or treatment discontinuation.

For more information please refer to the SmPCs or the treatment follow-up guide.

AR, adverse reaction; cuSCC, cutaneous squamous cell carcinoma; LVD, left ventricular dysfunction; PPES, palmoplantar erythrodysaesthesia syndrome; RPED, retinal pigment epithelial detachment; VTE, venous thromboembolism.





<sup>&</sup>lt;sup>a</sup> Composite terms which included more than one preferred term.

<sup>&</sup>lt;sup>b</sup> Includes left ventricular dysfunction, ejection fraction decreased, cardiac failure, and ejection fraction abnormal

<sup>&</sup>lt;sup>c</sup> Includes keratoacanthoma, squamous cell carcinoma, lip squamous cell carcinoma, and squamous cell carcinoma of the skin.

<sup>&</sup>lt;sup>d</sup> Includes haemorrhage at various sites including cerebral haemorrhage.

e Includes pulmonary embolism, deep vein thrombosis, embolism, thrombophlebitis, superficial thrombophlebitis, and thrombosis.







# SAFETY PROFILE OF THE COMBINATION<sup>1,2</sup>

Very common	Common	Uncommon
	Investigations	
Blood creatine phosphokinase increased γ-glutamyl transferase increased <sup>a</sup> Transaminase increased <sup>a</sup>	Blood alkalinephosphatase increased Blood creatinine increaseda Amylase increased Lipase increased	<b>×</b>
Gas	trointestinal disorders	
Nausea Vomiting <sup>a</sup> Constipation Abdominal pain <sup>a</sup> Diarrhoea <sup>a</sup>	Colitis <sup>f</sup>	Pancreatitisª
Musculoskeleta	I and connective tissue o	disorders
Arthralgia <sup>a</sup> Pain in extremity Back pain Muscular disorders/myalgia <sup>g</sup>	$\times$	Rhabdomyolysis

The management of ARs may require dose reduction, temporary interruption, or treatment discontinuation.

For more information please refer to the SmPCs or the treatment follow-up guide.

<sup>&</sup>lt;sup>1</sup>Includes fluid retention, peripheral oedema, and localised oedema.





<sup>&</sup>lt;sup>a</sup> Composite terms which included more than one preferred term.

fincludes colitis, ulcerative colitis, enterocolitis, and proctitis.

<sup>&</sup>lt;sup>g</sup> Includes myalgia, muscular weakness, muscle spasm, muscle injury, myopathy, and myositis.

<sup>&</sup>lt;sup>h</sup> Includes angioedema, drug hypersensitivity, hypersensitivity, hypersensitivity vasculitis, and urticaria.

<sup>&</sup>lt;sup>1</sup>Includes facial nerve disorder, facial paralysis, and facial paresis.







# **RECOMMENDED DOSE ADJUSTMENTS<sup>1,2</sup>**

Dose reduction and discontinuation



Dose interruption and discontinuation



Starting dose 450 mg QD

6x 🤔 75 mg

First reduction 300 mg QD

4x 🤌 75 mg

Second reduction 225 mg QD

3x 🤌 75 mg

Subsequent modification<sup>a,c</sup> 100 mg QD

2x 🗸 50 mg

(limited data)

PERMANENTLY **DISCONTINUE** 



Starting dose 45 mg BID

15 mg

First reduction<sup>b</sup> 30 mg BID

15 mg

**PERMANENTLY DISCONTINUE** 

Dose modifications are recommended to manage certain adverse reactions.

Please see the following section



Managing AR through dose modification



BRAFTOVI + MEKTOVI are indicated to be taken in combination. The management of ARs may require dose reduction, temporary interruption, or treatment discontinuation.

<sup>&</sup>lt;sup>a</sup>There are limited data for dose reduction to 100 mg QD. If unable to tolerate 100 mg QD, permanently discontinue BRAFTOVI<sup>1</sup>. <sup>b</sup> If unable to tolerate 30 mg BID, permanently discontinue MEKTOVI<sup>2</sup>. <sup>c</sup> For patients with mild hepatic impairment, administration of BRAFTOVI should be undertaken with caution at a reduced dose. In the absence of clinical data, BRAFTOVI is not recommended in patients with moderate to severe hepatic impairment.







# RECOMMENDED DOSE ADJUSTMENTS<sup>1,2</sup>



Dose reduction and discontinuation

Dose interruption and discontinuation





**Temporarily interrupted** 

Interrupt

Reduce BRAFTOVI to 300 mg QD during the time MEKTOVI is interrupted

**Temporarily interrupted** 

**Permanently discontinued** 



**Permanently discontinued** 

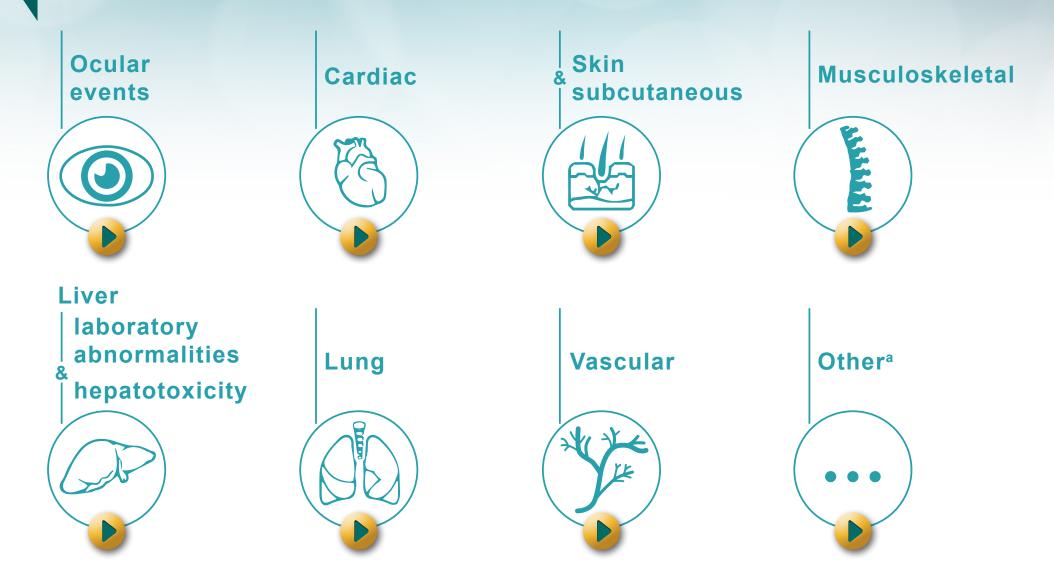
If either **BRAFTOVI** or **MEKTOVI** is permanently discontinued, then discontinue both treatments







# MANAGING AR THROUGH DOSE MODIFICATION



<sup>&</sup>lt;sup>a</sup> Exceptions where dose modifications are necessary for BRAFTOVI only (adverse reactions primarily related to BRAFTOVI) are: PPES, uveitis including iritis and iridocyclitis, and QTc prolongation. If one of these toxicities occurs, see section 4.2 of the BRAFTOVI Summary of Product Characteristics for dose modification instructions for BRAFTOVI. Exceptions where dose modifications are necessary for MEKTOVI only (adverse reactions primarily related to MEKTOVI) are: retinal pigment epithelial detachment (RPED) and retinal vein occlusion (RVO), interstitial lung disease (ILD)/pneumonitis, cardiac dysfunction, creatine phosphokinase (CK) elevation and rhabdomyolysis, and venous thromboembolism (VTE). If one of these toxicities occurs, see section 4.2 of the MEKTOVI Summary of Product Characteristics for dose modification instructions for MEKTOVI

AR. adverse reaction.







# MANAGING AR THROUGH DOSE MODIFICATION

**Dose modification** | Occular events **AR LIST** RPED<sup>1,2</sup> RVO<sup>1,2</sup> Uveitis including iritis and iridocyclitis<sup>1,2</sup> BRAFTOVI **MEKTOVI GRADE** Permanently discontinue both drugs. Permanently discontinue both drugs. Symptomatic associated with reduced visual acuity (Grade 4) Withhold for up to 2 weeks and repeat ophthalmologic monitoring **GRADE** including visual acuity assessment. If MEKTOVI is withheld, If improved to Grade 0 or 1: Symptomatic resume at same dose. the BRAFTOVI 450 mg dose should be reduced to 300 mg. If improved to Grade 2: resume at a lower dose. **GRADE** If not improved to Grade 2: permanently discontinue. Symptomatic **GRADE** 







Dose modification   Occular events						
RPED <sup>1,2</sup>	RPED <sup>1,2</sup> RVO <sup>1,2</sup> Uveitis including iritis and iridocyclitis <sup>1,2</sup> AR LIST					
	BRAFTOVI	MEKTOVI				
GRADE 4	Permanently discontinue both drugs.	Permanently discontinue both drugs.				
GRADE 3	Permanently discontinue both drugs.	Permanently discontinue both drugs.				
GRADE 2	Permanently discontinue both drugs.	Permanently discontinue both drugs.				
GRADE 1	Permanently discontinue both drugs.	Permanently discontinue both drugs.				







#### **Dose modification** | Occular events





RVO<sup>1,2</sup>

Uveitis including iritis and iridocyclitis<sup>1,2</sup>



BRAFTOVI

**MEKTOVI** 

GRADE 4

Permanently discontinue both drugs and follow up with ophthalmologic monitoring.

Permanently discontinue both drugs and follow up with ophthalmologic monitoring.

GRADE -

**GRADE** 

**GRADE** 

Withhold for Grade 1/2 uveitis that doesn't respond to ocular therapy or for Grade 3 uveitis and monitor within 2 weeks.

- If Grade 1 uveitis improves to Grade 0, then resume at the same dose.

- If Grade 2 or 3 uveitis improves to Grade 0 or 1, then resume at a reduced dose.

If not improved within 6 weeks, permanently discontinue and follow up with ophtalmologic monitoring.

If BRAFTOVI is withheld. MEKTOVI should be withheld.





# **MANAGING AR THROUGH DOSE MODIFICATION**

**Dose modification** | Cardiac LVEF<sup>1,2</sup> QTc prolongation<sup>1,2</sup> **AR LIST** BRAFTOVI **MEKTOVI** GRADE **L** Permanently discontinue both drugs. Permanently discontinue both drugs. LVEF should be evaluated every 2 weeks LVEF should be evaluated every 2 weeks until recovery. until recovery. GRADE 3 Withhold and evaluate LVEF every 2 weeks. Resume at a reduced dose if both of the following are present within 4 weeks: If MEKTOVI is withheld. - LVEF is ≥ LLN. GRADE 7 the BRAFTOVI 450 mg dose - Absolute decrease from baseline is ≤10%. should be reduced to 300 mg. If LVEF does not recover within 4 weeks, permanently discontinue. GRADE

<sup>&</sup>lt;sup>a</sup> Grade 2 LVEF decrease or asymptomatic, absolute decrease in LVEF of greater than 10% from baseline that is below LLN. <sup>b</sup> Grade 3 or 4 LVEF decrease or symptomatic LVD.

AR, adverse reaction; LLN, lower limit of normal; LVD, left ventricular dysfunction; LVEF, left ventricular ejection fraction; QTC, QT interval corrected.







**Dose modification** | Cardiac



QTc prolongation<sup>1,2</sup>



QTcF >500 ms

increased by > 60 ms

from pre-treatment value

BRAFTOVI

Permanently discontinue both drugs.

QTcF >500 ms

change ≤ 60 ms

from pre-treatment value

Withhold and monitor risk factors.

- When QTcF returns to ≤ 500 ms, resume at a reduced dose.
- If more than 1 recurrence, discontinue.

**MEKTOVI** 

Permanently discontinue both drugs.

If BRAFTOVI is withheld, MEKTOVI should be withheld.







**Dose modification** | Skin and subcutaneous

Cutaneous reactions<sup>1,2</sup>



PPES<sup>1,2</sup>



AR LIST

BRAFTOVI **MEKTOVI** GRADE 4 Permanently discontinue both drugs. Permanently discontinue both drugs. Withhold both drugs Withhold both drugs until improved to Grade 0 or 1. until improved to Grade 0 or 1. GRADE 4 - If first occurrence, resume at same dose. - If first occurrence, resume at same dose. If recurrent Grade 3, resume at a reduced dose. - If recurrent Grade 3, resume at a reduced dose. Maintain dose Maintain dose If rash worsens or does not improve If rash worsens or does not improve within 2 weeks with treatment, within 2 weeks with treatment, GRADE 7 withhold until Grade 0 or 1 and withhold until Grade 0 or 1 then resume at same dose if first occurrence and then resume at same dose. or reduced dose if recurrent Grade 2. GRADE





# **MANAGING AR THROUGH DOSE MODIFICATION**

Dose modification | Skin and subcutaneous

Cutaneous reactions<sup>1,2</sup>

PPES<sup>1,2</sup>



AR LIST

GRADE 4

GRADE 3

GRADE 2

GRADE 1

BRAFTOVI

 $\times$ 

Withhold, **institute supportive measures** such as topical therapy, and reassess weekly.

- When improved to Grade 0 or 1, resume at same dose level or a reduced dose.

Maintain dose and **institute supportive measures** such as topical therapy.

 If not improved within 2 weeks, withhold until improved to Grade 0 or 1, then resume at same dose or a reduced dose. If BRAFTOVI is withheld, MEKTOVI should be withheld.

**MEKTOVI** 

AR, adverse reaction; PPES, palmoplantar erythrodysaesthesia syndrome.

If MEKTOVI is permanently discontinued, BRAFTOVI should be discontinued. If BRAFTOVI is permanently discontinued, MEKTOVI should be discontinued.





# **MANAGING AR THROUGH DOSE MODIFICATION**

**Dose modification** | Musculoskeletal

Asymptomatic rhabdomyolysis or CK elevations<sup>1,2</sup>



Symptomatic rhabdomyolysis or CK elevations<sup>1,2</sup>



		BRAFTOVI	MEKTOVI	
GRADE 4 CK > 10 x ULR asymptomatic		If MEKTOVI is withheld, the BRAFTOVI 450 mg dose should be reduced to 300 mg.	Withhold until improved to Grade 0 or 1 and ensure patient is adequately hydrated.	
GRADE 3	CK > 5-10 x ULN asymptomatic	Maintain dose.	Maintain dose and <b>ensure patient</b> is adequately hydrated.	
GRADE 2	×	$\times$	$\times$	
GRADE 1	×	$\times$	$\times$	

AR, adverse reaction; CK, creatine kinase; ULN, upper limit of normal.

If MEKTOVI is permanently discontinued, BRAFTOVI should be discontinued. If BRAFTOVI is permanently discontinued, MEKTOVI should be discontinued.





# **MANAGING AR THROUGH DOSE MODIFICATION**

#### **Dose modification | Musculoskeletal**



Symptomatic rhabdomyolysis or CK elevations<sup>1,2</sup>





AR, adverse reaction; CK, creatine kinase; ULN, upper limit of normal.

If MEKTOVI is permanently discontinued, BRAFTOVI should be discontinued. If BRAFTOVI is permanently discontinued, MEKTOVI should be discontinued.



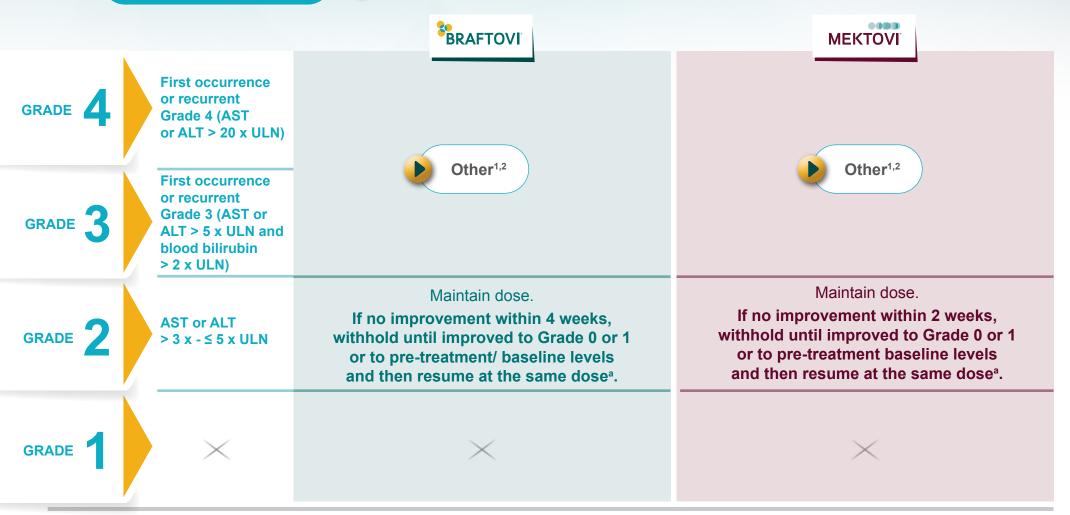


## **MANAGING AR THROUGH DOSE MODIFICATION**

**Dose modification** Liver laboratory abnormalities and hepatotoxicity

AST or ALT elevations<sup>1,2</sup>





<sup>&</sup>lt;sup>a</sup> When MEKTOVI is withheld, the 450 mg BRAFTOVI dose should be reduced to 300 mg.<sup>1,2</sup>

ALT, alanine aminotransferase; AR, adverse reaction; AST, aspartate transaminase; ULN, upper limit of normal.





Dose modification | Lung

ILD/pneumonitis<sup>1,2</sup>



BRAFTOVI **MEKTOVI** GRADE 4 Permanently discontinue both drugs. Permanently discontinue both drugs. GRADE 3 Withhold for up to 4 weeks If MEKTOVI is withheld, the BRAFTOVI 450 mg - If improved to Grade 0 or 1, dose should be reduced to 300 mg. resume at reduced dose. GRADE 7 If MEKTOVI is permanently discontinued, - If not resolved within 4 weeks, BRAFTOVI must be permanently discontinued. permanently discontinue. GRADE

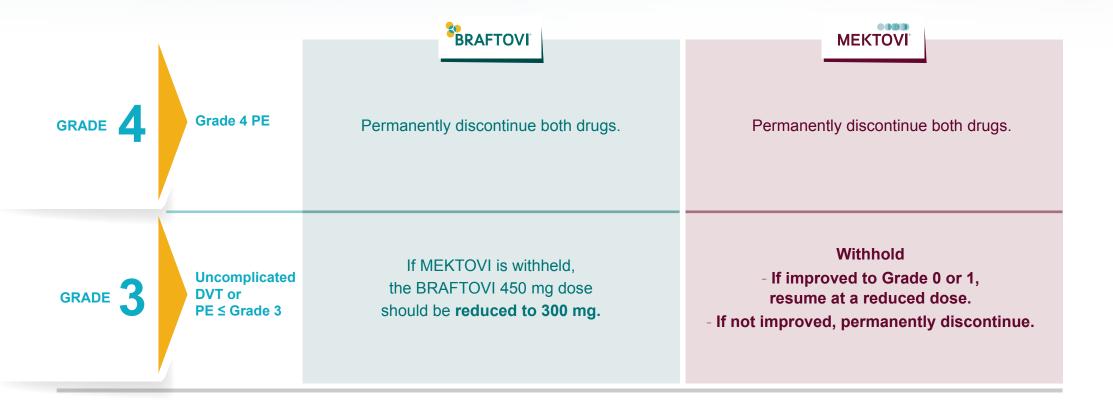




**Dose modification** | Vascular













**Dose modification** Other<sup>a</sup>





GRADE 4

Recurrent Grade 4 ARs

First occurrence

Recurrent

**Grade 3 ARs** 

Recurrent or

**Grade 2 ARs** 

intolerable

of any Grade 4 AR

Permanently discontinue both drugs.

BRAFTOVI

Withhold both drugs for **up to 4 weeks:** 

- If improved to Grade 0 or 1 or to pre-treatment/ baseline levels, then resume at a reduced dose.
- If no improvement, permanently discontinue both drugs
   OR permanently discontinue both drugs.

Consider permanently discontinuing both drugs.

First occurrence of any Grade 3 AR Withhold both drugs for up to 4 weeks.

If improved to Grade 0 or 1 or to pre-treatment/baseline levels, resume at a reduced dose.

If not improved, permanently discontinue both drugs.

MEKTOVI

Permanently discontinue both drugs.

Withhold both drugs for up to 4 weeks:

- If improved to Grade 0 or 1 or to pre-treatment/ baseline levels, then resume at a reduced dose.
- If no improvement, permanently discontinue both drugs
   OR permanently discontinue both drugs.

Consider permanently discontinuing both drugs.

Withhold both drugs for up to 4 weeks.

If improved to Grade 0 or 1 or to pre-treatment/baseline levels, resume at a reduced dose.

If not improved, permanently discontinue both drugs.

GRADE 1

X

<sup>&</sup>lt;sup>a</sup> Exceptions where dose modifications are necessary for BRAFTOVI only (adverse reactions primarily related to BRAFTOVI) are: PPES, uveitis including iritis and iridocyclitis, and QTc prolongation. If one of these toxicities occurs, see section 4.2 of the BRAFTOVI Summary of Product Characteristics for dose modification instructions for BRAFTOVI. Exceptions where dose modifications are necessary for MEKTOVI only (adverse reactions primarily related to MEKTOVI) are: retinal pigment epithelial detachment (RPED) and retinal vein occlusion (RVO), interstitial lung disease (ILD)/pneumonitis, cardiac dysfunction, creatine phosphokinase (CK) elevation and rhabdomyolysis, and venous thromboembolism (VTE). If one of these toxicities occurs, see section 4.2 of the MEKTOVI Summary of Product Characteristics for dose modification instructions for MEKTOVI.







#### BRAFTOVI + MEKTOVI IS AVAILABLE IN SEVERAL DOSAGE FORMS AND STRENGTHS<sup>1,2</sup>

BRAFTOVI is supplied as 75 mg and 50 mg capsules



BRAFTOVI® 75 mg is available in packs of 42x1 capsules (7 peelable blisters of 6 capsules each) for patients treated at full dose or undergoing dose reduction at 300 mg and 225 mg.



BRAFTOVI® 50 mg is available in packs of 28x1 capsules (7 peelable blisters of 4 capsules each) for patients undergoing dose reduction at 100 mg.



MEKTOVI is supplied as 15 mg tablets



MEKTOVI® is available in packs of 84 tablets (7 blisters of 12 tablets each) for patients treated with MEKTOVI® at any dose.MEKTOVI® contains lactose. Patients with rare hereditary problems of galactose intolerance, total lactase deficiency, or glucose-galactose malabsorption should not take MEKTOVI®.







#### **REFERENCES**

- 1. BRAFTOVI Summary of Product Characteristics. Pierre Fabre Médicament, 2023.
- 2. MEKTOVI Summary of Product Characteristics. Pierre Fabre Médicament, 2023.



## Also available

A guide to optimize your patients **treatment initiation** with BRAFTOVI + MEKTOVI

**Contact your local Pierre Fabre representative for more information** 

