《攝護腺癌抗癌藥物治療指引》

Men with ADT-naïve, Metastatic Disease

ADT ± Docetaxel + one of the following

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Abiraterone	1000 mg PO		QD AC		13

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Apalutamide	240 mg PO		QD		14

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Enzalutamide	160 mg PO		QD		19, 22

藥品名★ (T)	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Darolutamide	600 mg BID PO		QD		15, 20

Docetaxel without Prednisolone with ADT

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	6	1

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Docetaxel	30	1	QW		3

Men with Symptomatic mCRPC

First-line Therapy

Preferred regimens

Docetaxel with/without prednisolone

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W	6	1
Prednisolone	5 mg PO BID				

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Docetaxel	30	1	QW		3
Prednisolone	5 mg PO BID				

Abiraterone + Prednisolone

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Abiraterone	1000 mg PO QD	1			7, 8
Prednisolone	5 mg PO BID	1			

Enzalutamide

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Enzalutamide	160 mg PO QD				9

Useful in certain circumstances

Niraparib + Abiraterone + Prednisone (For BCRAm)

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Niraparib	200 mg PO QD				16
Abiraterone	1000 mg PO QD				
Prednisone	5 mg PO BID				

Olaparib + Abiraterone + Prednisone (For BCRAm)

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Olaparib	300 mg PO BID				17
Abiraterone	1000 mg PO QD				
Prednisone	5 mg PO BID				

Pembrolizumab

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W		6

Talazoparib + Enzalutamide + Prednisone (For BCRAm)

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Talazoparib	0.5 mg PO QD				18
Enzalutamide	1000 mg PO QD				
Prednisone	5 mg PO BID				

Alternative hormone or chemotherapy

Cabazitaxel + Prednisolone (For progression on prior docetaxel)

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Cabazitaxel	20-25	1	Q3W	10	4, 5
Prednisolone	10 mg PO QD				

Mitoxantrone + Prednisolone (For progression on prior docetaxel)

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Mitoxantrone	12	1	Q3W	10	2
Prednisolone	5 mg PO BID				

Olaparib (For HRRm, progression on prior novel hormone therapy)

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Olaparib	400 (150-300) mg PO BID				10, 12

Rucaparib (For BCRAm, progression on prior novel hormone therapy)

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Rucaparib	600 mg PO BID				11

★三院有個別版本

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《膀胱癌抗癌藥物治療指引》

Perioperative Chemotherapy of Bladder Cancer

Adjuvant Therapy

Gemcitabine + Cisplatin

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	1
Cisplatin	70	1	Q3W	4	

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	1
Cisplatin	35	1, 8	Q3W	4	

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8, 15	Q4W	Max 6	2
Cisplatin	70	1	Q4W	Max 6	

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W	26*	18

*Up to 1 year

Adjuvant Intravesical Treatment

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
BCG	81 mg	1	QW	6	3

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Mitomycin	30-40 mg	1	QW	6	4-6

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Doxorubicin	40 mg	1	QW	6	7

Intravesical MDP regimen

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Mitomycin	30 mg	1	Q3W	2	7
Doxorubicin	30 mg	8	Q3W	2	
Cisplatin	30 mg	15	Q3W	2	

Neoadjuvant Therapy

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	1, 2
Cisplatin	70	1	Q3W	4	

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	1, 2
Cisplatin	35	1, 8	Q3W	4	

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	1, 2
Cisplatin	35	1, 2	Q3W	4	

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8, 15	Q4W	4	1, 2
Cisplatin	70	1	Q4W	4	

Chemotherapy for Metastatic Disease

First-line Therapy

Gemcitabine + Cisplatin followed by Avelumab

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8, 15	Q4W	6	2, 8
Cisplatin	70	2	Q4W		
followed by					
Avelumab	10 mg/kg	1	Q2W		17

Gemcitabine + Cisplatin followed by Avelumab

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	15
Carboplatin	AUC 4.5	1	Q3W		
followed by					
Avelumab	10 mg/kg	1	Q2W		17

Nivolumab + Gemcitabine + Cisplatin

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	360 mg	1	Q3W		21
Gemcitabine	1000	1, 8	Q3W	Max 6	
Cisplatin	70	1	Q3W	Max 6	
followed by					
Nivolumab	480 mg	1	Q4W	Max 2 years	

Gemcitabine + Cisplatin

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8, 15	Q4W	6	2, 8
Cisplatin	70	2	Q4W		

Gemcitabine + Carboplatin

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Gemcitabine	1000	1, 8	Q3W	4	15
Carboplatin	AUC 4.5	1	Q3W		

Pembrolizumab + Enfortumab vedotin

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W		19
Enfortumab vedotin	1.25 mg/kg	1, 8	Q3W		

DDMVAC

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Methotrexate	30	1	Q2W	6	9, 10
Vinblastine	3	2	Q2W	6	
Doxorubicin	30	2	Q2W	6	
Cisplatin	70	2	Q2W	6	

DDMVAC followed by Avelumab

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Methotrexate	30	1	Q2W	6	9, 10
Vinblastine	3	2	Q2W	6	
Doxorubicin	30	2	Q2W	6	
Cisplatin	70	2	Q2W	6	
followed by					
Avelumab	10 mg/kg	1	Q2W		17

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Methotrexate	30	1 or 2	Q2W	3-4	9, 10
Vinblastine	3	1 or 2	Q2W	3-4	
Doxorubicin	20-30	1 or 2	Q2W	3-4	
Carboplatin*	AUC 4-5	1	Q2W	3-4	

*For Ccr<60 mL/hr only

PD-1 inhibitor (cisplatin ineligible)

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Atezolizumab	1200 mg	1	Q3W		11

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W		12

Radiosensitizing Chemotherapy Regimens for Bladder-Preserving Chemoradiation Following A Maximal TURBT

First-line Therapy

Cisplatin + 5-FU

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Cisplatin	15	1-3	QW	3	14
5-FU	400	1-3	QW	3	

5-FU + Mitomycin C

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Mitomycin C	12	1			13
5-FU	500	1-5, 16-20			

Cisplatin + Paclitaxel

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Cisplatin	15	1-3	QW	3	14
Paclitaxel	50	1	QW	3	

PFL

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Cisplatin	50	1	Q3W	Min 3	16
Leucovorin	50	1-3	Q3W	Min 3	
5-FU	500	1-3	Q3W	Min 3	

Low-dose Gemcitabine for induction therapy

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	27	1, 4	QW	4	20

Low-dose Gemcitabine for consolidation therapy

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Gemcitabine	27	1, 4	QW	2.5*	20

* Gemcitabine 27 mg/m2 delivered twice a week on days 1, 4, 8, 11, and 15 during consolidation therapy

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《腎臟癌抗癌藥物治療指引》

Adjuvant Chemotherapy

Clear cell histology

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 17	1

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Sunitinib	50 mg PO QD	1~28	Q6W	Max 1 year	2

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pazopanib	800 mg PO QD				3

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Systemic Therapy for Relapse or Stage IV Disease
First-line Therapy for Clear Cell Histology

Risk: Favorable
Preferred Regimens

Axitinib + pembrolizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 35	1
Axitinib	5 mg PO BID				

Cabozantinib + Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W	Max 52	2
Cabozantinib	40 mg PO QD				

Lenvatinib + Pembrolizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 35	3
Lenvatinib	20 mg PO QD	1	Q3W		

Ipilimumab + Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	3 mg/kg	1	Q3W	4	6
Ipilimumab	1 mg/kg	1	Q3W	4	
Followed by					
Nivolumab	3 mg/kg	1	Q3W		

Other Recommended Regimens

Axitinib + Avelumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Avelumab	10 mg/kg	1	Q2W		4
Axitinib	5 mg PO BID				

Cabozantinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Cabozantinib	60 mg PO QD				5

Pazopanib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pazopanib	800 mg PO QD				7

Sunitinib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Sunitinib	50 mg PO QD	1~28	Q6W	9	8

Useful in Certain Circumstances

Active surveillance

High-dose IL-2

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
IL-2	600,000 IU/kg IV Q8H	1~5, 15~19	Q12W	Max 3	10

Axitinib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Axitinib	5 mg PO Q12H				9

Risk: Poor/intermediate
Preferred Regimens

Axitinib + pembrolizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 35	1
Axitinib	5 mg PO BID				

Cabozantinib + Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W	Max 52	2
Cabozantinib	40 mg PO QD				

Ipilimumab + Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	3 mg/kg	1	Q3W	4	6
Ipilimumab	1 mg/kg	1	Q3W	4	
Followed by					
Nivolumab	3 mg/kg	1	Q3W		

Lenvatinib + Pembrolizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 35	3
Lenvatinib	20 mg PO QD	1	Q3W		

Cabozantinib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Cabozantinib	60 mg PO QD				5

Other Recommended Regimens

Axitinib + Avelumab

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Avelumab	10 mg/kg	1	Q2W		4
Axitinib	5 mg PO BID				

Pazopanib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Pazopanib	800 mg PO QD				7

Sunitinib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Sunitinib	50 mg PO QD	1~28	Q6W	9	8

Useful in Certain Circumstances

Axitinib

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Axitinib	5 mg PO Q12H				9

High-dose IL-2

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
IL-2	600,000 IU/kg IV Q8H	1~5, 15~19	Q12W	Max 3	10

Temsirolimusb

藥品名	劑量 mg/m²	給藥日	頻率	週期	參考文獻
Temsirolimus	25 mg	1	QW		11

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Systemic Therapy for Non-Clear Cell Histology

Preferred Regimens

Cabozantinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Cabozantinib	60 mg PO QD				1

Nivolumab + Cabozantinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W		5
Cabozantinib	40 mg PO QD				

Pembrolizumab + Lenvatinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Max 35	3
Lenvatinib	20 mg PO QD	1	Q3W		

Other Recommended Regimens

Lenvatinib + Everolimus

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Lenvatinib	18 mg PO QD				2
Everolimus	5 mg PO QD				

Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg or 3 mg/kg	1	Q2W		3, 4

Pembrolizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q2W		6

Sunitinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Sunitinib	50 mg PO QD	1~28	Q6W	9	7

Useful in Certain Circumstances

Axitinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Axitinib	5 mg PO Q12H				8

Bevacizumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Bevacizumab	10 mg/kg	1	Q2W		9

Bevacizumab + Erlotinib

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Bevacizumab	10 mg/kg	1	Q2W		10
Erlotinib	150 mg PO QD				

Bevacizumab + Everolimus

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Bevacizumab	10 mg/kg	1	Q2W		11
Everolimus	10 mg PO QD				

Everolimus

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Everolimus	10 mg PO QD				12

Ipilimumab + Nivolumab

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Nivolumab	3 mg/kg	1	Q3W	4	13
Ipilimumab	1 mg/kg	1	Q3W	4	
Followed by					
Nivolumab	480 mg	1	Q4W	Max 2 years	

Temsirolimus

藥品名	劑量 mg/m^2	給藥日	頻率	週期	參考文獻
Temsirolimus	25 mg	1	QW		14

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