

Table S1 Detailed search strategy of NCBI database

Items	Specification
Date of search (specified to date, month, and year)	2022.06.01
Databases and other sources searched	NCBI database
Timeframe	2015.03–2022.01
Search terms used	“glucocorticoids” [Mesh] AND “prostate cancer”
Result	Finally got 34 studies. Then traverse and filter the literature one by one
Search terms used	“Prednisone” AND “CRPC”
Result	Finally got 49 studies. Exclude literature read before then traverse and filter the literature one by one
Search terms used	“Prednisolone” AND “CRPC”
Result	Finally got 13 studies. Exclude literature read before then traverse and filter the literature one by one
Search terms used	“Dexamethasone” AND “CRPC”
Result	Finally got 11 studies. Exclude literature read before then traverse and filter the literature one by one
Search terms used	“Prednisone” AND “castration-resistant prostate cancer”
Result	Finally got 223 studies. Exclude literature read before then traverse and filter the literature one by one
Search terms used	“Prednisolone” AND “castration-resistant prostate cancer”
Result	Finally got 60 studies. Exclude literature read before then traverse and filter the literature one by one
Search terms used	“Dexamethasone” AND “castration-resistant prostate cancer”
Result	Finally got 30 studies. Exclude literature read before then traverse and filter the literature one by one

NCBI, the National Center for Biotechnology Information database; CRPC, castration-resistant prostate cancer.